

Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody

Catalog Number: A00176T180Y182

About MAPK14

Anti cdk2 antibody recognizes a protein encoded by a gene member of the Ser/Thr protein kinase family. This protein kinase is highly similar to the gene products of *S. cerevisiae* cdc28, and *S. pombe* cdc2. It is a catalytic subunit of the cyclin-dependent protein kinase complex, whose activity is restricted to the G1-S phase, and essential for cell cycle G1/S phase transition. This protein associates with and regulated by the regulatory subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A) and p27Kip1 (CDKN1B). Its activity is also regulated by its protein phosphorylation. Two alternatively spliced variants and multiple transcription initiation sites of this gene have been reported.

Overview

Product Name	Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody catalog # A00176T180Y182. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16539

Technical Details

Immunogen	Synthesized peptide derived from human p38 around the phosphorylation site of T180/Y182.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:5000

Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182) Images

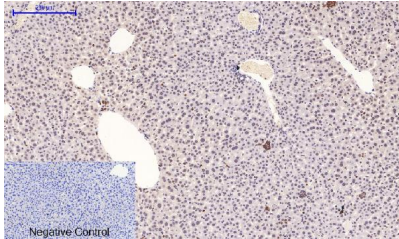


Figure 10. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of mouse liver tissue.
A00176T180Y182 was diluted at 1:200 (4°C)

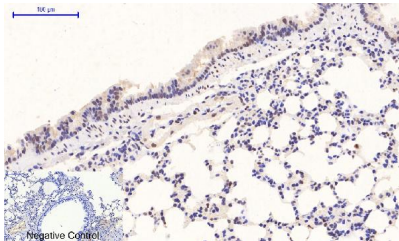


Figure 11. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of mouse lung tissue.
A00176T180Y182 was diluted at 1:200 (4°C)

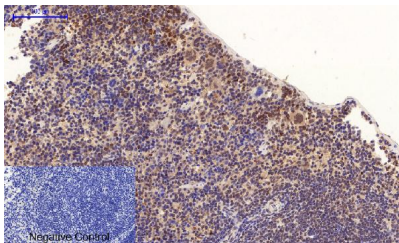


Figure 12. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of mouse spleen tissue.
A00176T180Y182 was diluted at 1:200 (4°C)

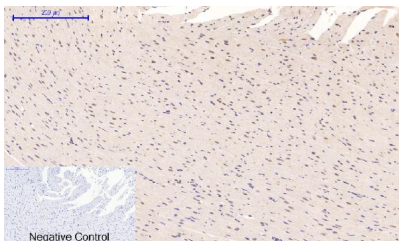


Figure 13. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of rat heart tissue.
A00176T180Y182 was diluted at 1:200 (4°C)

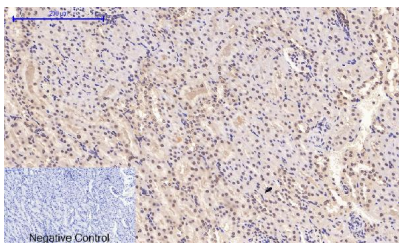


Figure 14. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of rat kidney tissue.
A00176T180Y182 was diluted at 1:200 (4°C)

Figure 15. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of rat lung tissue.
A00176T180Y182 was diluted at 1:200 (4°C)

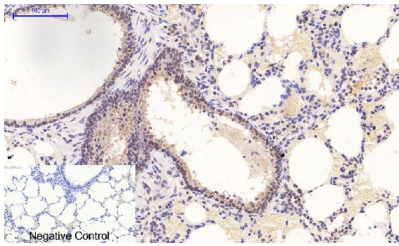


Figure 16. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of rat spinal cord tissue. A00176T180Y182 was diluted at 1:200 (4°C)

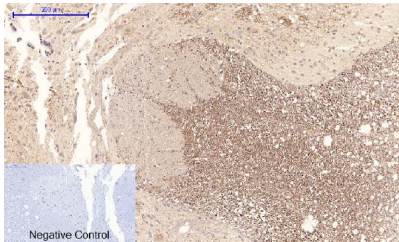


Figure 17. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of rat spleen tissue. Anti-Cleaved-Caspase-1 (D210) antibody was diluted at 1:200 (4°C)

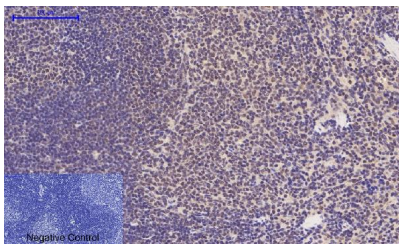


Figure 2. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of human-appendix tissue. Anti-Phospho-p38 (T180/Y182) at 1:200 (4°C)

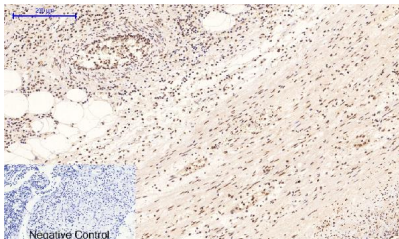


Figure 3. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of human colon tissue. Anti-Phospho-p38 (T180/Y182) at 1:200 (4°C)

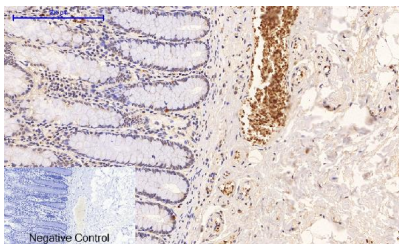


Figure 4. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).

Immunohistochemical analysis of human liver tissue. Anti-Phospho-p38 (T180/Y182) at 1:200 (4°C)

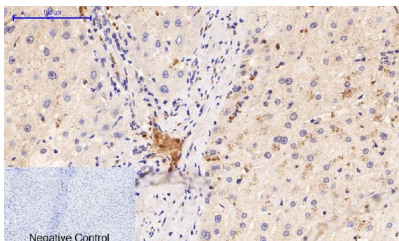
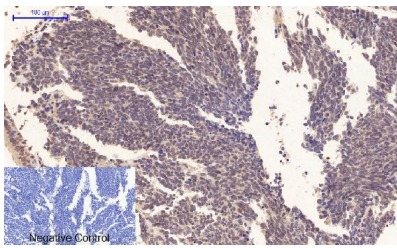


Figure 5. Immunohistochemistry validation of MAPK14 using Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody (A00176T180Y182).



Immunohistochemical analysis of human lung cancer tissue.
Anti-Phospho-p38 (T180/Y182) at 1:200 (4°C)

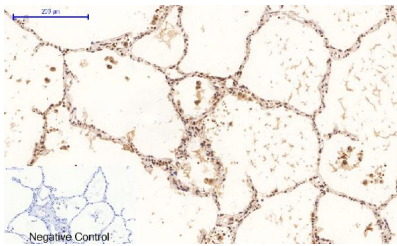


Figure 6. Immunohistochemistry validation of MAPK14 using
Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody
(A00176T180Y182).

Immunohistochemical analysis of human lung tissue. Anti-
Phospho-p38 (T180/Y182) at 1:200 (4°C)

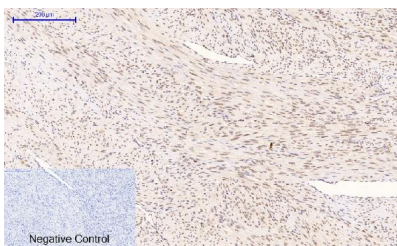


Figure 7. Immunohistochemistry validation of MAPK14 using
Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody
(A00176T180Y182).

Immunohistochemical analysis of human uterus cancer
tissue. Anti-Phospho-p38 (T180/Y182) at 1:200 (4°C)

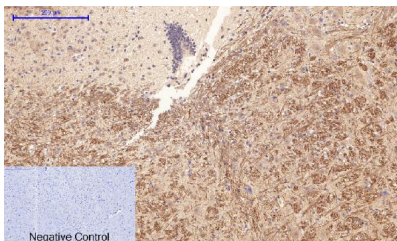


Figure 8. Immunohistochemistry validation of MAPK14 using
Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody
(A00176T180Y182).

Immunohistochemical analysis of mouse brain tissue.
A00176T180Y182 was diluted at 1:200 (4°C)

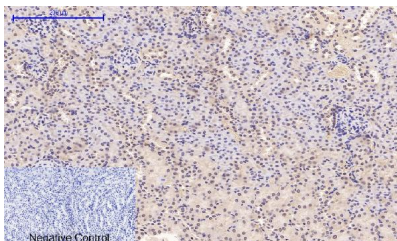


Figure 9. Immunohistochemistry validation of MAPK14 using
Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody
(A00176T180Y182).

Immunohistochemical analysis of mouse kidney tissue.
A00176T180Y182 was diluted at 1:200 (4°C)

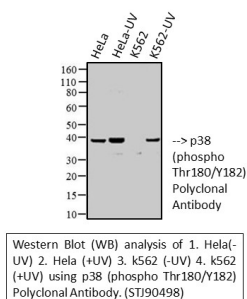
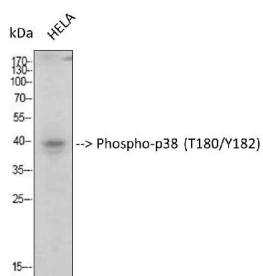


Figure 1. Western blotting validation for Anti-Phospho-p38
(T180/Y182) MAPK14 Antibody A00176T180Y182

Western blot (WB) analysis of p38 (phospho Thr180/Y182)
polyclonal antibody.
Electrophoresis was performed on a SDS-PAGE gel. To
determine SDS-PAGE gel concentration

Figure 18. Western blotting validation for Anti-Phospho-p38



(T180/Y182) MAPK14 Antibody A00176T180Y182

Western blot (WB) analysis of p38 (phospho Thr180/Y182) polyclonal antibody.

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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Anti-Phospho-p38 (T180/Y182) MAPK14 Antibody