

Anti-Rock-1 Antibody

Catalog Number: A00722-3

About ROCK1

Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.

Ana V. Miletic, J. Biol. Chem., Dec 2006; 281: 38257 - 38265.

Christopher C. Stebbins, Mol. Cell. Biol., Sep 2003; 23: 6291 - 6299.

Vered Schapira, Cancer Res., Jun 2006; 66: 6183 - 6191.

Maya Groysman, J. Biol. Chem., Dec 2002; 277: 50121 - 50130.

Overview

Product Name	Anti-Rock-1 Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Rock-1 Antibody catalog # A00722-3. Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human, Monkey, Mouse, Rat.
Application	ELISA, Flow Cytometry, 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	Q13464

Technical Details

Immunogen	Synthesized peptide derived from human Rock-1.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-1:2000</p> <p>IHC 1:100-1:300</p> <p>ICC 1:200-1:1000</p> <p>ELISA 1:20000</p>

Anti-Rock-1 Antibody (A00722-3) Images

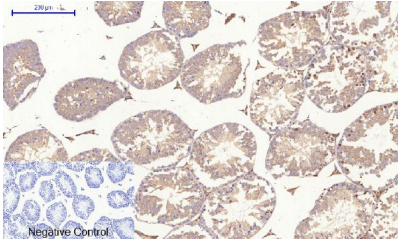


Figure 10. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of mouse testis tissue. A00722-3 was diluted at 1:200 (4°C)

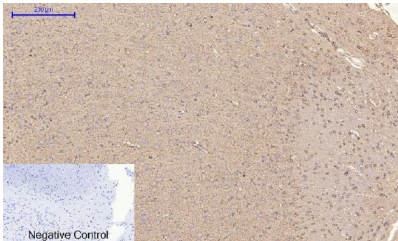


Figure 11. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of rat brain tissue. A00722-3 was diluted at 1:200 (4°C)

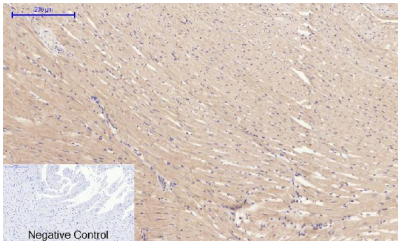


Figure 12. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of rat heart tissue. A00722-3 was diluted at 1:200 (4°C)

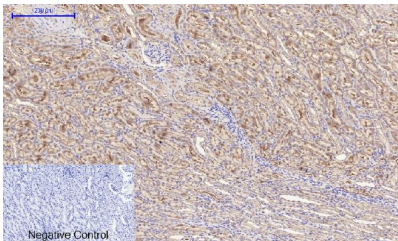


Figure 13. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of rat kidney tissue. A00722-3 was diluted at 1:200 (4°C)

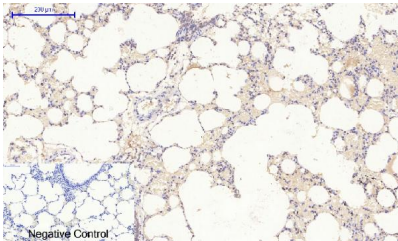


Figure 14. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of rat lung tissue. A00722-3 was diluted at 1:200 (4°C)

Figure 15. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of rat spinal cord tissue. A00722-3 was diluted at 1:200 (4°C)

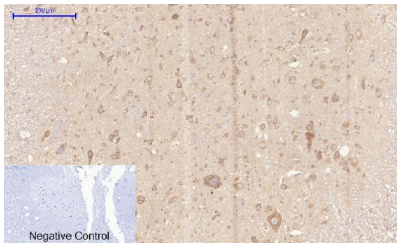


Figure 16. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of rat spleen tissue.
A00722-3 was diluted at 1:200 (4°C

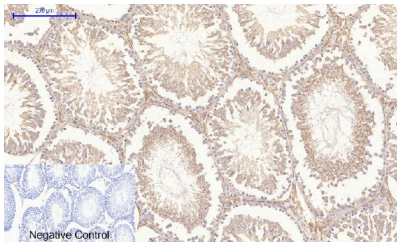
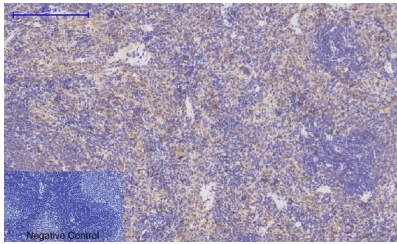


Figure 17. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

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

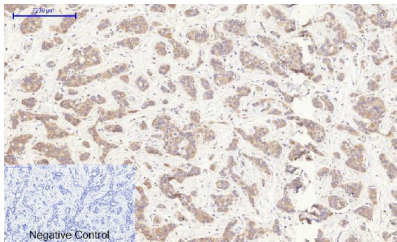


Figure 2. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of human liver cancer tissue.
Anti-Rock-1 at 1:200 (4°C

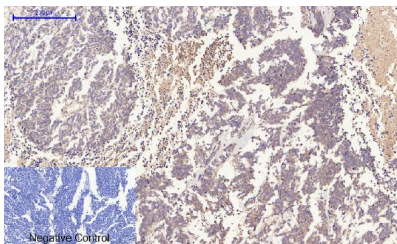


Figure 3. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of human lung cancer tissue.
Anti-Rock-1 at 1:200 (4°C

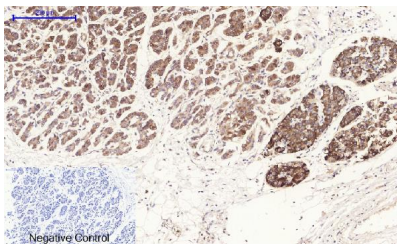
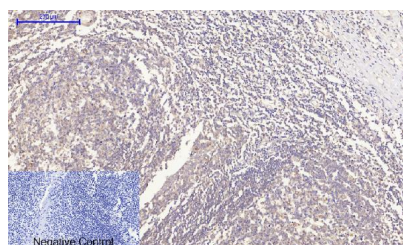


Figure 4. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of human stomach cancer tissue. Anti-Rock-1 at 1:200 (4°C

Figure 5. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of human tonsil tissue. Anti-



Rock-1 at 1:200 (4°C)

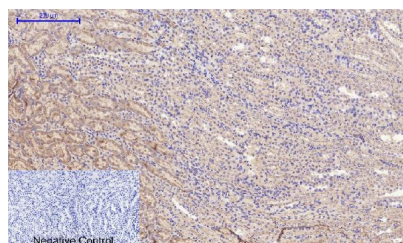


Figure 6. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of mouse kidney tissue. Anti-Rock-1 at 1:200 (4°C)

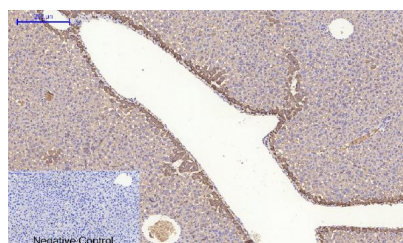


Figure 7. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of mouse liver tissue. Anti-Rock-1 at 1:200 (4°C)

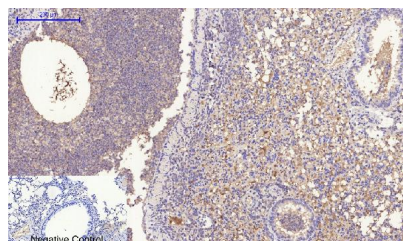


Figure 8. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of mouse lung tissue. A00722-3 was diluted at 1:200 (4°C)

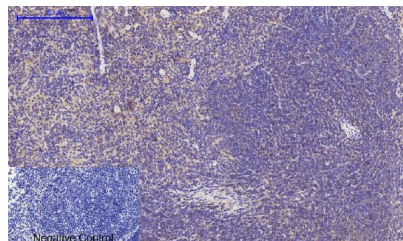


Figure 9. Immunohistochemistry validation of ROCK1 using Anti-Rock-1 Antibody (A00722-3).

Immunohistochemical analysis of mouse spleen tissue. A00722-3 was diluted at 1:200 (4°C)

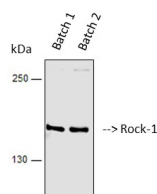


Figure 1. Western blotting validation for Anti-Rock-1 Antibody A00722-3

Western blot (WB) analysis of Rock-1 polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

Western Blot (WB) analysis of COS7 cell lysate using Rock-1 Antibody (STJ95527) from 2 batches.

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