

Anti-Phospho-HDAC5/9 (S259/220) Antibody

Catalog Number: A01230S259

About HDAC5

Seems to phosphorylate critical substrates that regulate the G1/S phase transition and/or DNA replication. Can phosphorylates MCM2 and MCM3.

Sato N., EMBO J. 16:4340-4351(1997).

Hess G.F., Gene 211:133-140(1998).

Jiang W., Proc. Natl. Acad. Sci. U.S.A. 94:14320-14325(1997).

Overview

Product Name	Anti-Phospho-HDAC5/9 (S259/220) Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Phospho-HDAC5/9 (S259/220) Antibody catalog # A01230S259. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse.
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	Q9UQL6

Technical Details

Immunogen	Synthesized peptide derived from human HDAC5/9 around the phosphorylation site of S259/220.
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

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 1:10000

Anti-Phospho-HDAC5/9 (S259/220) Antibody (A01230S259) Images

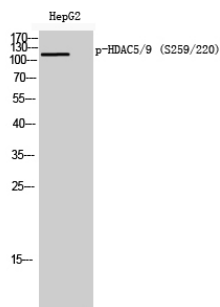


Figure 1. Western blotting validation for Anti-Phospho-HDAC5/9 (S259/220) Antibody A01230S259

Western Blot (WB) analysis of HepG2 cells using Phospho-HDAC5/9 (S259/220) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

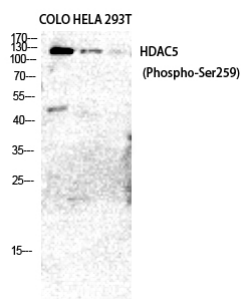


Figure 2. Western blotting validation for Anti-Phospho-HDAC5/9 (S259/220) Antibody A01230S259

Western Blot (WB) analysis of COLO205 HeLa 293T cells using Phospho-HDAC5/9 (S259/220) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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