

Anti-Histone deacetylase 10 HDAC10 Antibody

Catalog Number: A05215

About HDAC10

Phosphoinositide-binding protein required for multivesicular body formation. Specifically binds phosphatidylinositol 3-phosphate (PtdIns(P3)). Plays a role in protein transport between cellular compartments. Promotes stability and cell surface expression of epithelial sodium channel (ENAC) subunits SCNN1A and SCNN1G By similarity. Not involved in EGFR degradation.

Haft C.R., Mol. Cell. Biol. 18:7278-7287(1998).

Xu Y., Nat. Cell Biol. 3:658-666(2001).

Hayama A., Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-Histone deacetylase 10 HDAC10 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Histone deacetylase 10 HDAC10 Antibody catalog # A05215. Tested in WB,ICC,IP applications. This antibody reacts with Human,Mouse.
Application	IP, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	Q969S8

Technical Details

Immunogen	Synthesized peptide derived from human CAP7 protein.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified

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: 1:1,000

ICC: 1:50-1:200

Anti-Histone deacetylase 10 HDAC10 Antibody (A05215) Images

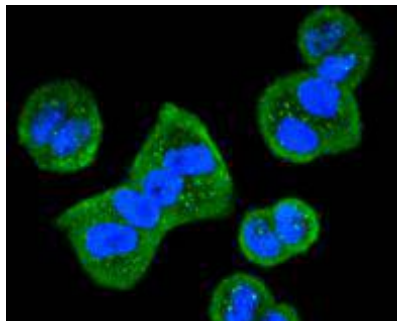


Figure 2. Immunocytochemistry staining of HDAC10 using Anti-Histone deacetylase 10 HDAC10 Antibody (A05215).

ICC staining HDAC10 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

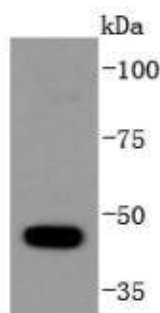


Figure 1. Western blotting validation for Anti-Histone deacetylase 10 HDAC10 Antibody A05215

Western blot analysis of HDAC10 on HepG2 cells lysates using anti-HDAC10 antibody at 1/1

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