

Anti-HDAC3 Rabbit Monoclonal Antibody

Catalog Number: M00839

About HDAC3

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

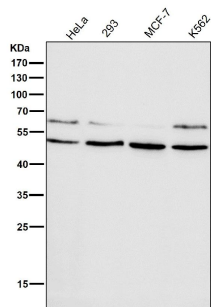
Product Name	Anti-HDAC3 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HDAC3 Rabbit Monoclonal Antibody catalog # M00839. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal EFH-8
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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	O15379

Technical Details

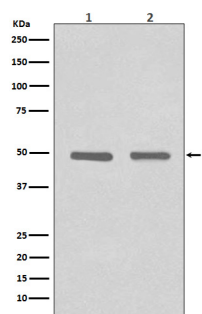
Immunogen	A synthesized peptide derived from human HDAC3
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations 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 1:1000-1:2000 IHC 1:50-1:100 ICC/IF 1:50-1:200 IP 1:30
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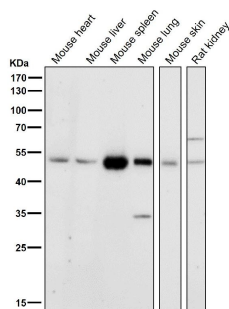
Anti-HDAC3 Rabbit Monoclonal Antibody (M00839) Images



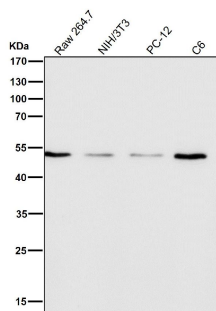
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of HDAC3 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

2 Publications Citing This Product

1. PubMed ID: 19737385, Mitochondrial BNIP3 upregulation precedes endonuclease G translocation in hippocampal neuronal death following oxygen-glucose deprivation

2. PubMed ID: 26292095, Interleukin-18 down-regulates multidrug resistance-associated protein 2 expression through farnesoid x receptor associated with nuclear factor kappa B and %u2026

Visit bosterbio.com/anti-hdac3-rabbit-monoclonal-antibody-m00839-boster.html to see all 2 publications.

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