

Anti-HDAC3 Rabbit pAb



WL02946

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-HDAC3 Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:500-1:1000	
	IHC	1:100-1:400	
Cellular localization	Nucleus. Cytoplasm		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background

HDAC3 is a nuclear and cytoplasmic protein that deacetylates both histone (H2A, H3, H4) and non-histone substrates (RelA, SRY, p53, MEF2, PCAF and p300/CBP). It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. HDAC3 can also down-regulate p53 function and thus modulate cell growth and apoptosis.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HDAC3.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

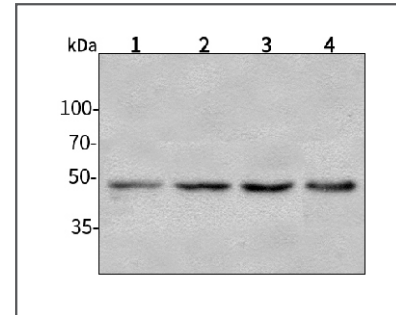
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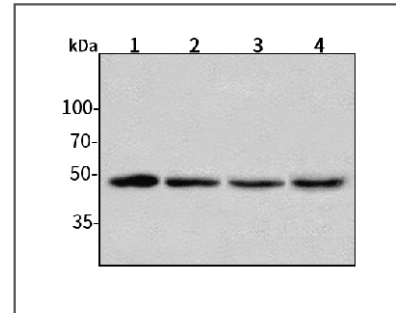
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Product Images



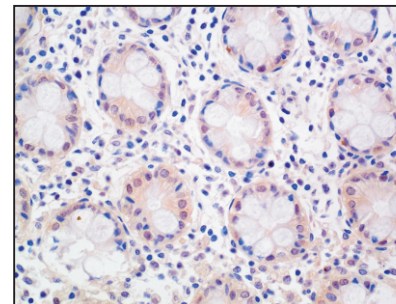
Western blot-Anti-HDAC3 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human SGC-7901 cell lysate
 All lanes: Anti-HDAC3 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 49 kDa
 Observed band size: 49 kDa



Western blot-Anti-HDAC3 pAb

Lane 1: Mouse brain tissue lysate
 Lane 2: Mouse colon tissue lysate
 Lane 3: Rat stomach tissue lysate
 Lane 4: Rat lung tissue lysate
 All lanes: Anti-HDAC3 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 49 kDa
 Observed band size: 49 kDa



Immunohistochemistry-Anti-HDAC3 pAb

Immunohistochemical analysis of paraffin-embedded human colon using anti-HDAC3 Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

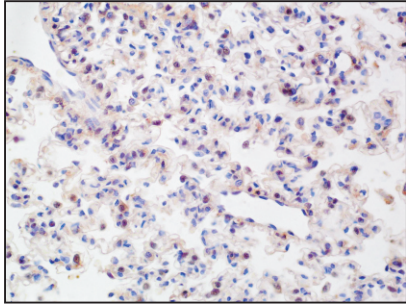


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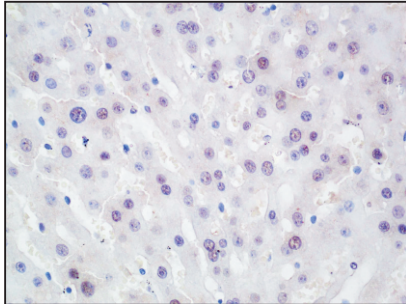
Product Information



Immunohistochemistry-Anti-HDAC3 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-HDAC3 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-HDAC3 pAb

Immunohistochemical analysis of paraffin-embedded rat liver using anti-HDAC3 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0