

HDAC9 Rabbit mAb

Catalog No: #52769

Package Size: #52769-1 50ul #52769-2 100ul

Orders: order@signalwayantibody.com

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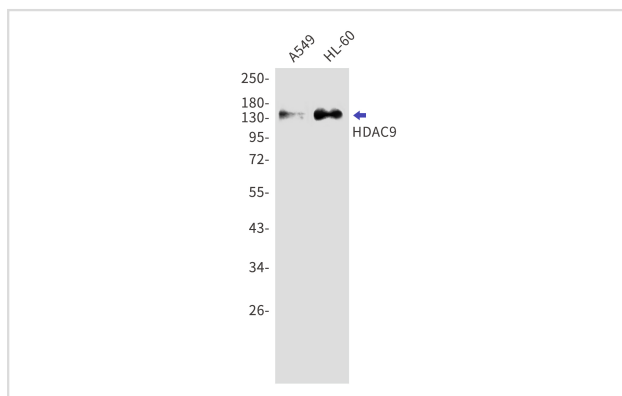
Description

Product Name	HDAC9 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-816
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Rat
Immunogen Description	A synthetic peptide of human HDAC9
Conjugates	Unconjugated
Modification	Unmodification
Other Names	HD7; HD9; HD7b; HDAC; HDRP; MITR; HDAC7; HDAC7B; HDAC9B; HDAC9FL
Accession No.	Swiss-Prot:Q9UKV0GeneID:9734
Uniprot	Q9UKV0
GeneID	9734
Calculated MW	Calculated MW:111 kDa,Observed MW:150 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

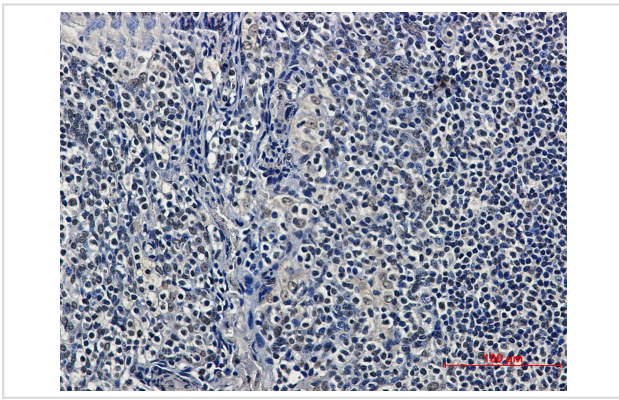
Application Details

WB: 1/2000-1/10000 IHC: 1/50

Images



Western blot detection of HDAC9 in A549,HL-60 cell lysates using HDAC9 Rabbit mAb(1:1000 diluted).Predicted band size:111kDa.Observed band size:150kDa.



Immunohistochemical of HDAC9 in Human tonsil tissue using HDAC9 antibody at dilution 1/20

Background

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to the *Xenopus* and mouse *MITR* genes. The *MITR* protein lacks the histone deacetylase catalytic domain. It represses MEF2 activity through recruitment of multicomponent corepressor complexes that include CtBP and HDACs. This encoded protein may play a role in hematopoiesis. Multiple alternatively spliced transcripts have been described for this gene but the full-length nature of some of them has not been determined. [provided by RefSeq, Jul 2008]

Note: This product is for in vitro research use only