Product Datasheet

HDAC9 Antibody

Catalog No: #32293

Package Size: #32293-1 50ul #32293-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	HDAC9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total HDAC9 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human HDAC9 (NP_478056.1).
Target Name	HDAC9
Other Names	HDAC9;HD7;HD7b;HD9;HDAC;HDAC7;HDAC7B;HDAC9B;HDAC9FL;HDRP;MITR
Accession No.	Uniprot:Q9UKV0GeneID:9734
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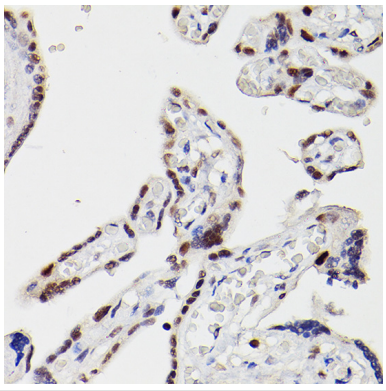
GeneID	9734
SDS-PAGE MW	160KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

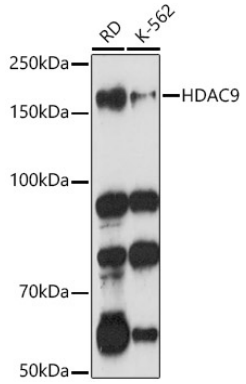
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

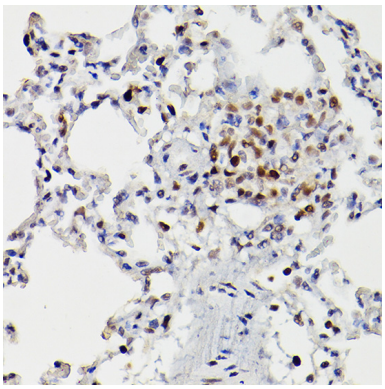
Images



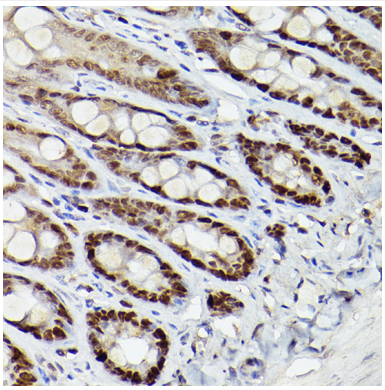
Immunohistochemistry of paraffin-embedded human placenta using HDAC9 Rabbit pAb.



Western blot analysis of extracts of various cell lines, using HDAC9 antibody.



Immunohistochemistry of paraffin-embedded rat lung using HDAC9 Rabbit pAb.



Immunohistochemistry of paraffin-embedded mouse intestin using HDAC9 Rabbit pAb.

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.

Note: This product is for in vitro research use only