

Rabbit anti-Human, Mouse HDAC3 Polyclonal Antibody | anti-HDAC3 antibody

HDAC3 Polyclonal Antibody

CATALOG # AAA174183	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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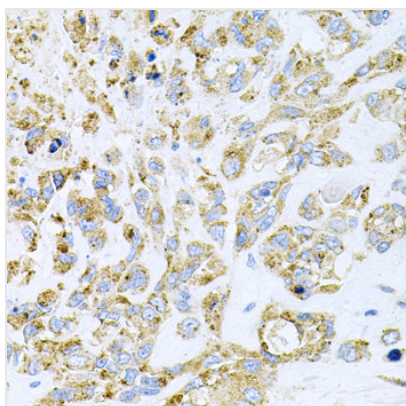
PRODUCT SYNONYMS

HDAC3; Polyclonal Antibody; HDAC3 Polyclonal Antibody; HD3; HDAC 3; Histone deacetylase 3; RPD3 2; RPD3; RPD3-2; SMAP45; anti-HDAC3 antibody

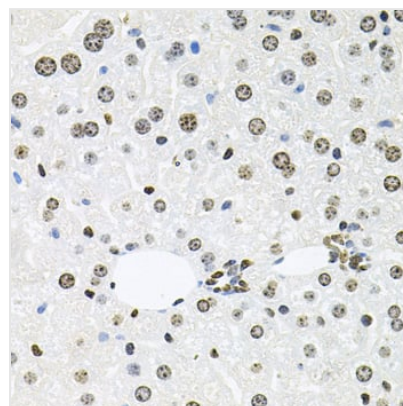
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	429
Applicable Applications for anti-HDAC3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human HDAC3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

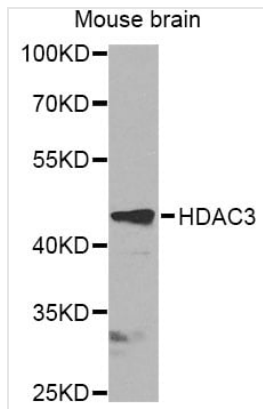
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using HDAC3 antibody.

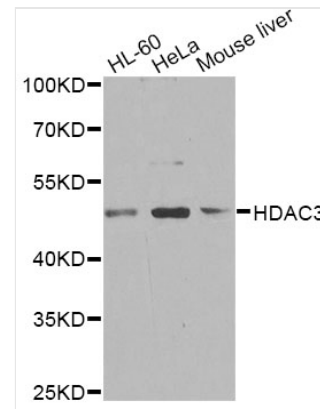

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using HDAC3 antibody.



WB (Western Blot)

Western blot analysis of extracts of mouse brain, using HDAC3 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HDAC3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC3 antibody

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 belongs to the histone deacetylase/acuc/apha family. 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. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene.

Product Categories/Family for anti-HDAC3 antibody

Cancer; Cardiovascular; Epigenetics and Nuclear Signaling; Metabolism; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128862
NCBI GeneID	8841
NCBI Accession #	NP_003874.2
NCBI GenBank Nucleotide #	NM_003883.4
UniProt Accession #	O15379; O43268; Q9UEI5; Q9UEV0; D3DQE1
Molecular Weight	Calculated: 48kDa; 49kDa Observed: 48kDa
NCBI Official Full Name	histone deacetylase 3 isoform 2
NCBI Official Synonym Full Names	histone deacetylase 3
NCBI Official Symbol	HDAC3
NCBI Official Synonym Symbols	HD3; RPD3; RPD3-2
NCBI Protein Information	histone deacetylase 3
UniProt Protein Name	Histone deacetylase 3
UniProt Gene Name	HDAC3
UniProt Synonym Gene Names	HD3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.