

Rabbit HDAC5 Polyclonal Antibody | anti-HDAC5 antibody

HDAC5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312842	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

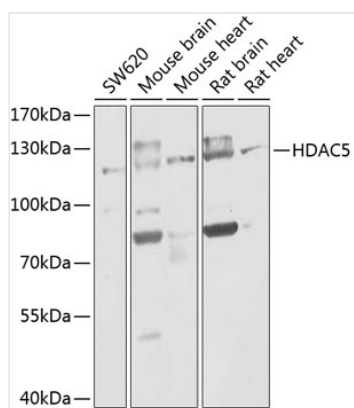
PRODUCT SYNONYMS

HDAC5; Polyclonal Antibody; HDAC5 Polyclonal Antibody; HD5; NY-CO-9; anti-HDAC5 antibody

PRODUCT SPECIFICATIONS

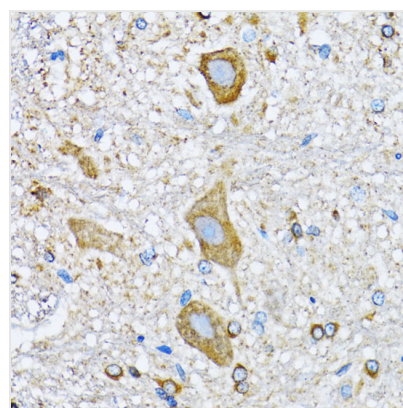
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 119% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.72
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HDAC5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human HDAC5 (NP_005465.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



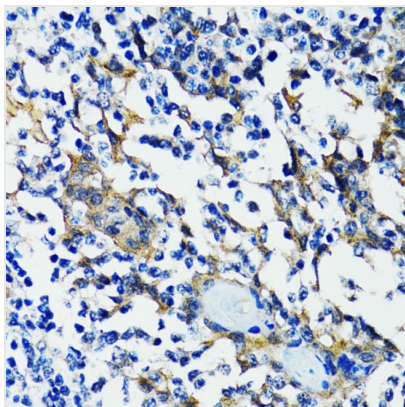
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HDAC5 antibody at 1:1000 dilution.



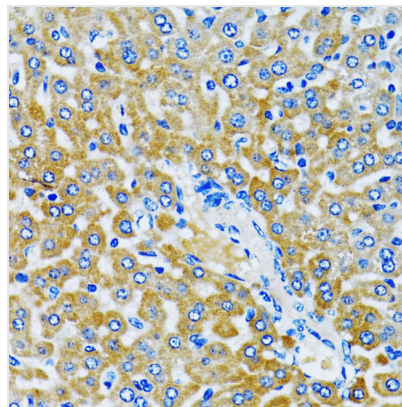
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spinal cord using HDAC5 antibody at dilution of 1:100.



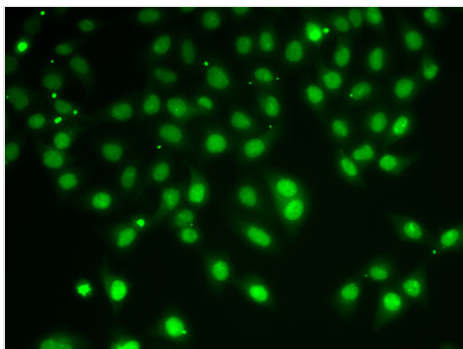
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using HDAC5 antibody at dilution of 1:100 .



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using HDAC5 antibody at dilution of 1:100 .



IF (Immunofluorescence)

Immunofluorescence analysis of A-549 cells using HDAC5 antibody .

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC5 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 class II histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. It coimmunoprecipitates only with HDAC3 family member and might form multicomplex proteins. It also interacts with myocyte enhancer factor-2 (MEF2) proteins, resulting in repression of MEF2-dependent genes. This gene is thought to be associated with colon cancer. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-HDAC5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	62750347
NCBI GeneID	10014
NCBI Accession #	NP_005465.2
NCBI GenBank Nucleotide #	NM_005474.4
UniProt Accession #	Q9UQL6; O60340; O60528; Q96DY4; C9JFV9
Molecular Weight	122,049 Da
NCBI Official Full Name	histone deacetylase 5 isoform 1
NCBI Official Synonym Full Names	histone deacetylase 5
NCBI Official Symbol	HDAC5

NCBI Official Synonym Symbols	HD5; NY-CO-9
NCBI Protein Information	histone deacetylase 5; antigen NY-CO-9
UniProt Protein Name	Histone deacetylase 5
UniProt Gene Name	HDAC5
UniProt Synonym Gene Names	KIAA0600; HD5
UniProt Entry Name	HDAC5_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/hdac5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312842>