

Rabbit anti-Human, Mouse HDAC6 Polyclonal Antibody | anti-HDAC6 antibody

HDAC6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40645	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

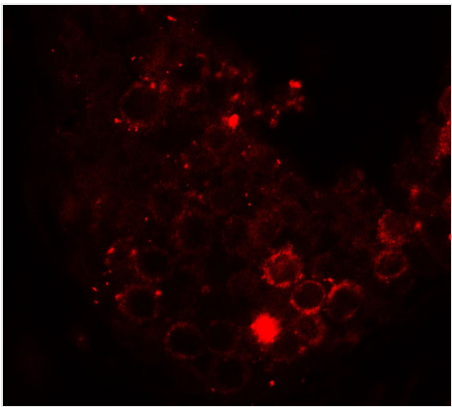
PRODUCT SYNONYMS

HDAC6; Polyclonal Antibody; HDAC6 Antibody; HD6; JM21; CPBHM; KIAA0901; Histone deacetylase 6; histone deacetylase 6; anti-HDAC6 antibody

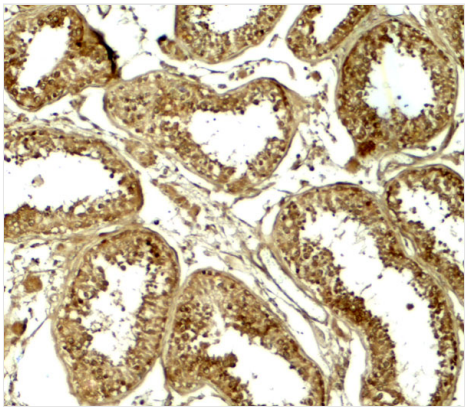
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	HDAC6 antibody is human and mouse reactive. Multiple isoforms of HDAC6 are known to exist. HDAC6 antibody is predicted to not cross-react with other members of the HDAC family.
Purity/Purification	HDAC6 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1215
Applicable Applications for anti-HDAC6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	HDAC6 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human HDAC6
Buffer	HDAC6 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	HDAC6 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

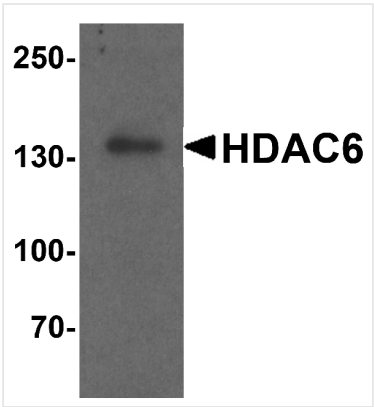
IMAGES



IF (Immunofluorescence)
Immunofluorescence of HDAC6 in human testis tissue with HDAC6 antibody at 20 μ g/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of HDAC6 in human testis tissue with HDAC6 antibody at 5 μ g/ml.



WB (Western Blot)
Western blot analysis of HDAC6 in human testis tissue lysate with HDAC6 antibody at 1 μ g/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC6 antibody

The histone deacetylase (HDAC) family contains multiple members which are divided into four classes. Class II of the HDAC family comprises six members, HDAC4, 5, 6, 7, 9 and 10, each of which appear to have tissue-specific roles (1). HDAC6 contains an internal duplication of two catalytic domains which appear to function independently of each other (2). HDAC6 has been shown to be part of the microtubule network and acts as a specific alpha-tubulin deacetylase, and has been suggested to be a potential therapeutic target in neurodegenerative disease (3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128864
NCBI GeneID	10013
NCBI Accession #	NP_006035
NCBI GenBank Nucleotide #	NM_006044.2
UniProt Accession #	Q9UBN7; O94975; Q6NT75; Q7L3E5; Q96CY0
Molecular Weight	Predicted: 134 kDa Observed: 145 kDa
NCBI Official Full Name	histone deacetylase 6
NCBI Official Synonym Full Names	histone deacetylase 6

NCBI Official Symbol	HDAC6
NCBI Official Synonym Symbols	HD6; JM21; CPBHM; PPP1R90
NCBI Protein Information	histone deacetylase 6; protein phosphatase 1, regulatory subunit 90
UniProt Protein Name	Histone deacetylase 6
UniProt Gene Name	HDAC6
UniProt Synonym Gene Names	KIAA0901; HD6
UniProt Entry Name	HDAC6_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hdac6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40645>