

Rabbit anti-Human HDAC6 Polyclonal Antibody | anti-Hdac6 antibody

Anti-HDAC6 Antibody, Rabbit Polyclonal

CATALOG # AAA254973	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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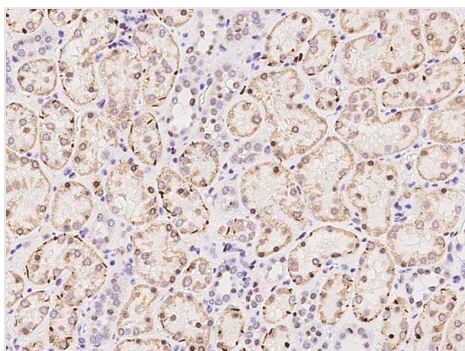
PRODUCT SYNONYMS

HDAC6; Polyclonal Antibody; Anti-HDAC6 Antibody; Rabbit Polyclonal; HDAC6 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-JM21 Antibody; Anti-KIAA0901 Antibody; anti-Hdac6 antibody

PRODUCT SPECIFICATIONS

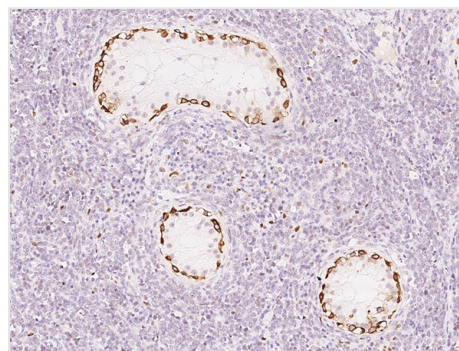
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human HDAC6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Hdac6 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human HDAC6
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human HDAC6, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human HDAC6 in human kidney with rabbit polyclonal antibody at 1:250 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human HDAC6 in human testis with rabbit polyclonal antibody at 1:250 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-Hdac6 antibody	Histone deacetylase 6 (HDAC6) is a microtubule-associated deacetylase whose function includes regulation of alpha-tubulin-dependent intracellular mitochondrial transport. HDAC6 is involved in cell motility, cell survival, cell cycle progression, developmental events, prognosis as well as protein degradation. HDAC6 was first discovered in 1999 because of its homology to HDAC1. The gene encoding HDAC6 is localized to the sub-band border of chromosome Xp11.22-23 in humans. Unlike most HDAC isoforms, HDAC6 contains a Ser Glu-repeat domain (SE14) that acts as a cytoplasmic retention signal and mediates its stable anchorage in the cytoplasm. HDAC6 has emerged as a promising target for the treatment of various human diseases including cancer, neurodegenerative disease and immunology due to its unique structure, substrate and biological functions.
References	Liang T, et al. (2018) Structure, functions and selective inhibitors of hdac6. Curr Top Med Chem 18 (28): 2429-2447.Krukowski K, et al. (2017) Hdac6 inhibition effectively reverses chemotherapy-induced peripheral neuropathy. Pain 158 (6): 1126-1137.Ke B, et al. (2018) Inhibition of hdac6 activity in kidney diseases: A new perspective. Mol Med 24 (1): 33.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128864
NCBI GeneID	10013
NCBI Accession #	NP_006035.2
NCBI GenBank Nucleotide #	NM_006044.2
UniProt Accession #	Q9UBN7; O94975; Q6NT75; Q7L3E5; Q96CY0
Molecular Weight	131,419 Da
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
NCBI Protein Information	histone deacetylase 6
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-immunohistochemistry-elisa/254973>