

HDAC11 Polyclonal Antibody | anti-HDAC11 antibody

Anti-HDAC11 Antibody

CATALOG # AAA46215	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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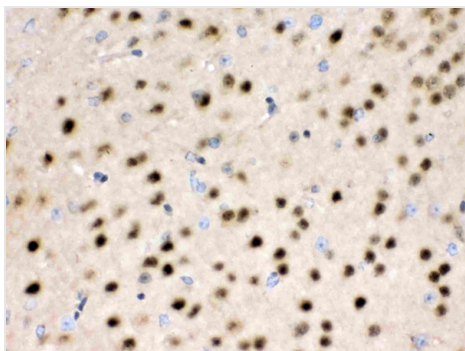
PRODUCT SYNONYMS

HDAC11; Polyclonal Antibody; Anti-HDAC11 Antibody; Histone deacetylase 11; FLJ22237; HD 11; HD11; HDA11_HUMAN; HDAC 11; histone deacetylase 11; anti-HDAC11 antibody

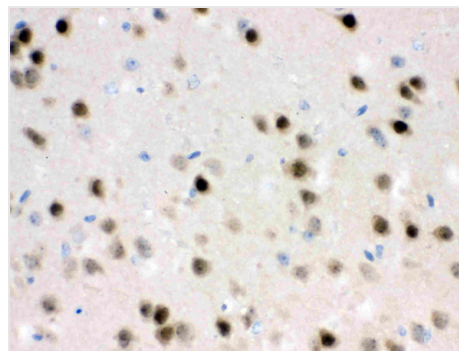
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	296
Applicable Applications for anti-HDAC11 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HDAC11 (47-81aa NFLKEEKLLSDSMLVEAREASEEDLLVHTRRYLN), different from the related mouse sequence by one amino acid.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

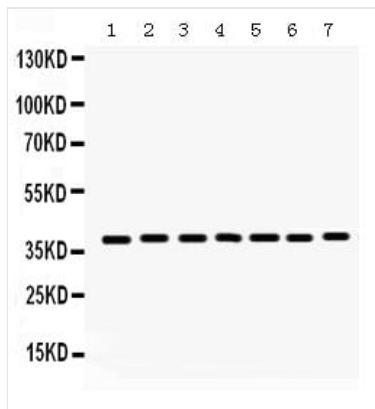
IMAGES



IHC (Immunohistochemistry)
Anti- HDAC11 Picoband antibody, AAA46215,IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti- HDAC11 Picoband antibody, AAA46215,IHC(P)IHC(P): Mouse Brain Tissue



WB (Western Blot)

Anti- HDAC11 Picoband antibody, AAA46215, Western blottingAll lanes: Anti HDAC11 (AAA46215) at 0.5ug/mlLane 1: Rat Skeletal Muscle Tissue Lysate at 50ugLane 2: Rat Kidney Tissue Lysate at 50ugLane 3: Rat Cardiac Muscle Tissue Lysate at 50ugLane 4: NRK Whole Cell Lysate at 40ugLane 5: 293T Whole Cell Lysate at 40ugLane 6: HELA Whole Cell Lysate at 40ugLane 7: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 39KDObserved bind size: 39KD

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC11 antibody	Description: Rabbit IgG polyclonal antibody for Histone deacetylase 11(HDAC11) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Histone deacetylase 11 is a 39kDa histone deacetylase enzyme that in humans is encoded by the HDAC11 gene on chromosome 3 in humans and chromosome 6 in mice. This gene encodes a class IV histone deacetylase. And the encoded protein is localized to the nucleus and may be involved in regulating the expression of interleukin 10. Alternative splicing results in multiple transcript variants. HDAC11 expression is normally found in brain and testis tissue, but upregulation of HDAC11 expression has also been seen in various cancer cells. In addition, HDAC11 has been shown to be a negative regulator of IL-10 production in antigen presenting cells. It has also been shown that inhibition of HDAC11 results in increased expression of OX40L in Hodgkin lymphoma cells.
References	1. "Entrez Gene: HDAC11 histone deacetylase 11". 2. Gao L, Cueto MA, Asselbergs F, Atadja P (Jul 2002). "Cloning and functional characterization of HDAC11, a novel member of the human histone deacetylase family".The Journal of Biological Chemistry 277(28): 25748-55.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862883
NCBI GeneID	79885
NCBI Accession #	NP_001129513.1
NCBI GenBank Nucleotide #	NM_001136041.2
UniProt Accession #	Q96DB2; Q9H6I7; Q9H6X3; Q9NTC9; B4DDK1
Molecular Weight	33,124 Da
NCBI Official Full Name	histone deacetylase 11 isoform 2
NCBI Official Synonym Full Names	histone deacetylase 11
NCBI Official Symbol	HDAC11
NCBI Official Synonym Symbols	HD11
NCBI Protein Information	histone deacetylase 11
UniProt Protein Name	Histone deacetylase 11
UniProt Gene Name	HDAC11

UniProt Synonym Gene Names	HD11
UniProt Entry Name	HDA11_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://stage.aaabiotech.com/polyclonal/hdac11-antibody-immunohistochemistry-western-blot-elisa/46215>