

Datasheet for ABIN3043840
anti-HDAC11 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	HDAC11
Binding Specificity:	AA 47-81, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Histone deacetylase 11(HDAC11) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human HDAC11 (47-81aa NFLKEEKLLSDSMLVEAREASEEDLLVVHTRRYLN), different from the related mouse sequence by one amino acid.
Sequence:	NFLKEEKLLS DSMLVEAREA SEEDLLVVHT RRYLN
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Histone deacetylase 11(HDAC11) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: histone deacetylase 11

Product Details

Protein Name: Histone deacetylase 11

Purification: Immunogen affinity purified.

Target Details

Target: HDAC11

Alternative Name: HDAC11 ([HDAC11 Products](#))

Background: Histone deacetylase 11 is a 39 kDa 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.

Synonyms: FLJ22237 antibody|HD 11 antibody|HD11 antibody|HDA11_HUMAN antibody|HDAC 11 antibody|HDAC11 antibody|Histone deacetylase 11 antibody

Gene ID: 79885

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Mouse, Rat, Predicted Species: Human,
Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

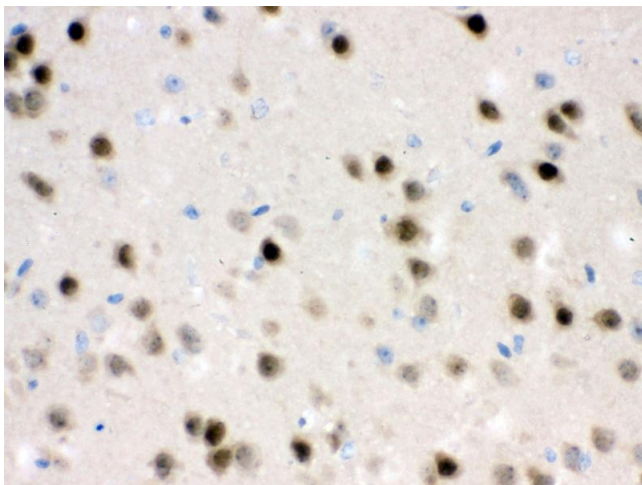
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

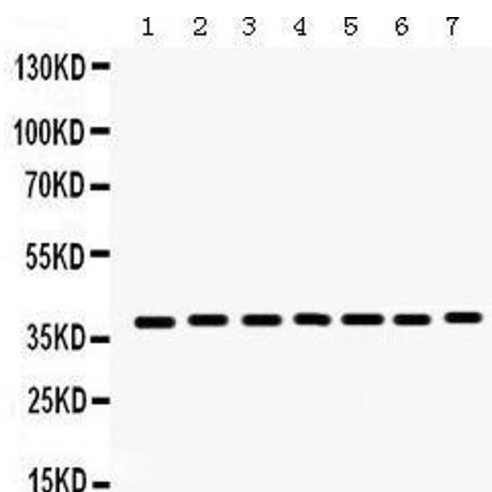
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



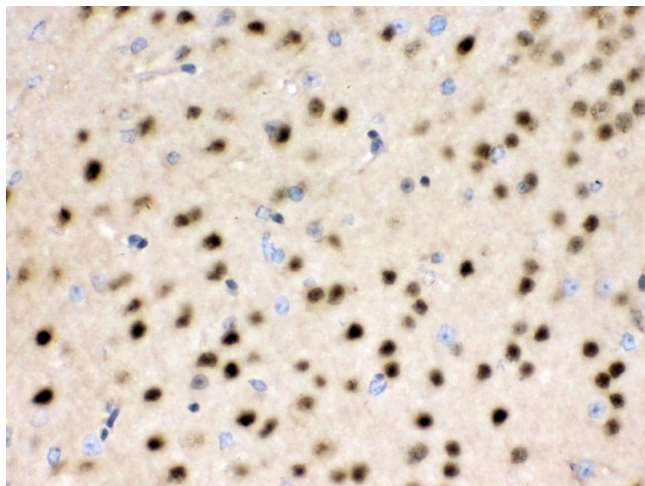
Immunohistochemistry

Image 1. Anti- HDAC11 Picoband antibody,IHC(P) IHC(P):
Mouse Brain Tissue



Western Blotting

Image 2.



Immunohistochemistry

Image 3. Anti- HDAC11 Picoband antibody,IHC(P) IHC(P):
Rat Brain Tissue