

Datasheet for ABIN6736397
anti-HDAC8 antibody (C-Term)

3 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | HDAC8 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Monkey, Rabbit, Cow, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HDAC8 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------|--|
| Brand: | IHC-plus™ |
| Immunogen: | Synthetic peptide from C-Terminus of human HDAC8 (Q9BY41, NP_060956). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Bovine, Rabbit, Horse (100%), Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Xenopus, Stickleback, Zebrafish (92%). Type of Immunogen: Synthetic peptide |
| Specificity: | Human HDAC8 |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Mouse, Rat, Bovine, Rabbit, Horse (100%) Guinea pig, Chicken, Xenopus, Zebrafish (92%). |

Product Details

Purification: Immunoaffinity purified

Target Details

Target: HDAC8

Alternative Name: HDAC8 ([HDAC8 Products](#))

Background: Name/Gene ID: HDAC8
Family: Histone Deacetylase

Synonyms: HDAC8, CDLS5, HD8, HDACL1, Histone deacetylase 8, MRXS6, RPD3, CDA07, Histone deacetylase-like 1, WTS

Gene ID: 55869

NCBI Accession: [NP_060956](#)

UniProt: [Q9BY41](#)

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

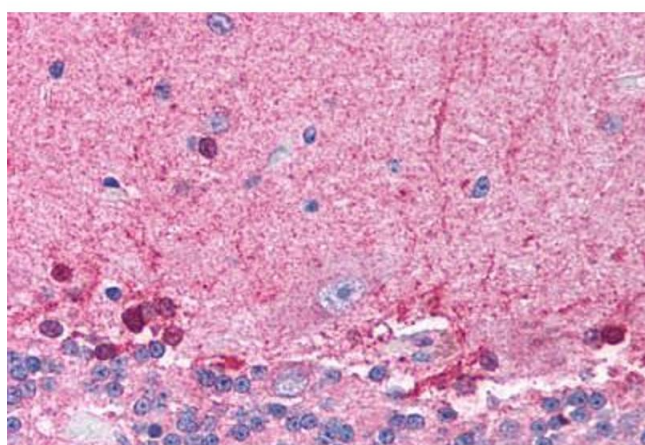
Reconstitution: Distilled water

Concentration: Lot specific

Handling

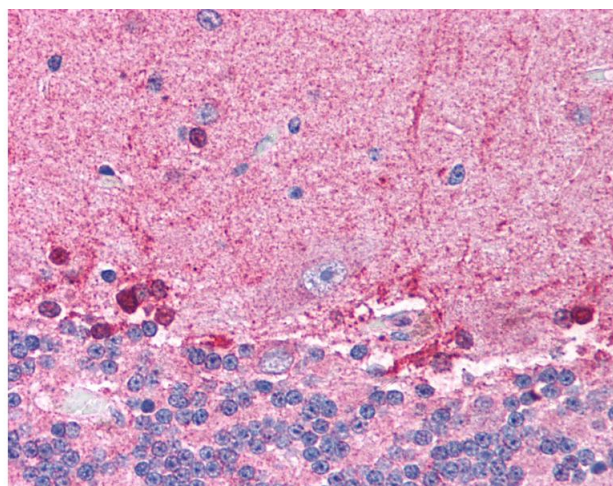
| | |
|------------------|---|
| Buffer: | Lyophilized from PBS with 2 % sucrose |
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |

Images



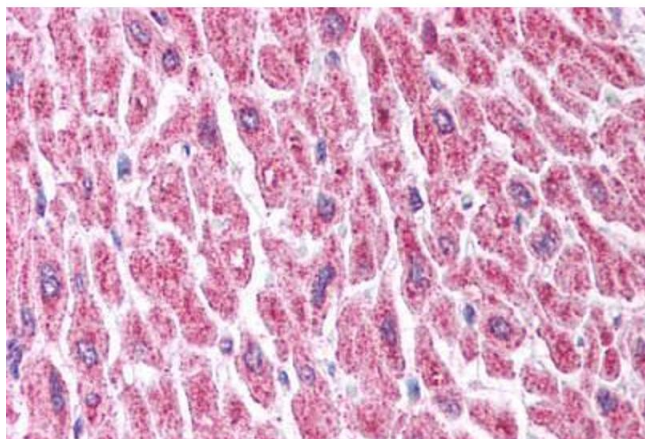
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with HDAC8 antibody ABIN214773 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-HDAC8 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product ...



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Human Heart (formalin-fixed, paraffin-embedded) stained with HDAC8 antibody ABIN214773 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.