



Datasheet for ABIN6736396  
**anti-HDAC6 antibody (AA 69-118)**



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	HDAC6
Binding Specificity:	AA 69-118
Reactivity:	Human, Mouse, Monkey, Rabbit, Horse, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa69-118 of human HDAC6 (Q9UBN7). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Galago, Bat, Rabbit, Horse (100%), Rat, Bovine, Guinea pig (92%), Mouse, Elephant (85%).  Type of Immunogen: Synthetic peptide
Specificity:	Human HDAC6
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Rabbit, Horse (100%) Rat, Bovine (92%) Mouse (85%).
Purification:	Immunoaffinity purified

## Target Details

---

Target:	HDAC6
Alternative Name:	HDAC6 ( <a href="#">HDAC6 Products</a> )
Background:	Name/Gene ID: HDAC6 Family: Histone Deacetylase  Synonyms: HDAC6, Histone deacetylase 6, HD6, KIAA0901, JM21
Gene ID:	10013
UniProt:	<a href="#">Q9UBN7</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a>

## 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

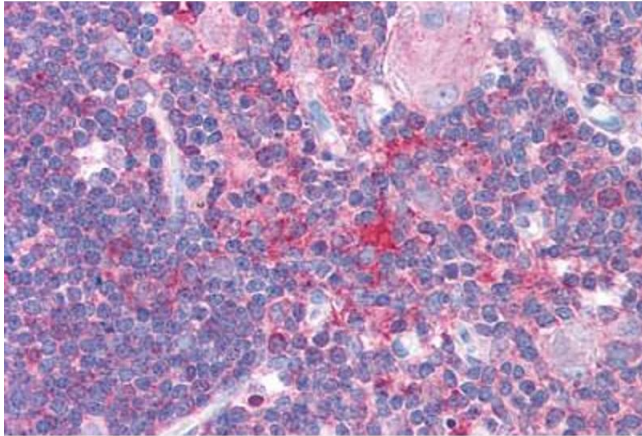
---

Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

## Handling

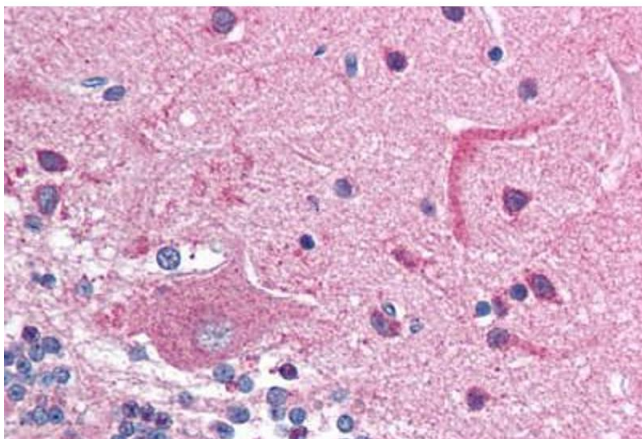
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images



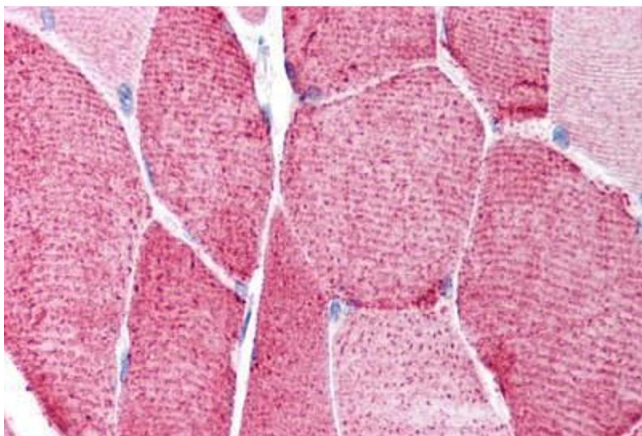
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Thymus (formalin-fixed, paraffin-embedded) stained with HDAC6 antibody ABIN214772 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with HDAC6 antibody ABIN214772 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Human Skeletal Muscle (formalin-fixed, paraffin-embedded) stained with HDAC6 antibody ABIN214772 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6736396.