

## Rabbit Hdac6 Polyclonal Antibody | anti-HDAC6 antibody

Hdac6 Antibody - C-terminal region

|                               |                       |                                                                                  |                                                                                                 |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA198381</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Chromatin Immunoprecipitation, Immunoprecipitation</b> |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

Hdac6; Polyclonal Antibody; Hdac6 Antibody - C-terminal region; anti-HDAC6 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following sequence: VC HHEASEHPLV LSCVDLSTWC YVCQAYVHHE DLQDVKNAAH QNKFGEDM                                                |
| Sequence Length                                 | 1149                                                                                                                                                  |
| Applicable Applications for anti-HDAC6 antibody | IHC (Immunohistochemistry), ChIP (Chromatin immunoprecipitation)                                                                                      |
| Homology                                        | Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 85%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 86%; Rat: 86%                                           |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Hdac6                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



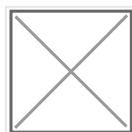
#### WB (Western Blot)

WB Suggested Anti-Hdac6 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Testis



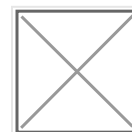
#### WB (Western Blot)

Host: Mouse Target Name: HDAC6 Sample Tissue: Mouse Spleen Antibody Dilution: 1ug/ml



#### IHC (Immunohistochemistry)

Rabbit Anti-Hdac6 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult heart Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy2/3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec Protocol located in Reviews and Data.



#### ChIP (Chromatin Immunoprecipitation)

Chromatin Immunoprecipitation (ChIP) Using Hdac6 Antibody - C-terminal region and HCT116 Cells

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HDAC6 antibody | <p>This is a rabbit polyclonal antibody against Hdac6. It was validated on Western Blot</p> <p>Target Description: Hdac6 is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Hdac6 plays a central role in microtubule-dependent cell motility via deacetylation of tubulin.</p> |
| Product Categories/Family for anti-HDAC6 antibody   | <a href="#">Polyclonal</a> ; <a href="#">Transcription Regulation</a> ; <a href="#">Developmental Biology</a> ; <a href="#">Epigenetics</a> ; <a href="#">Meiosis/Mitosis/Cell Cycle</a> ; <a href="#">Chromatin Immunoprecipitation</a>                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | <a href="#">194353997</a> |
| NCBI GeneID                      | <a href="#">15185</a>     |
| NCBI Accession #                 | <a href="#">NP_034543</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_010413</a> |
| UniProt Accession #              | <a href="#">Q9Z2V5</a>    |
| Molecular Weight                 | 126kDa                    |
| NCBI Official Full Name          | histone deacetylase 6     |
| NCBI Official Synonym Full Names | histone deacetylase 6     |
| NCBI Official Symbol             | Hdac6                     |
| NCBI Official Synonym Symbols    | Hd6; Sfc6; Hdac5; mHDA2   |
| NCBI Protein Information         | histone deacetylase 6     |
| UniProt Protein Name             | Histone deacetylase 6     |
| UniProt Gene Name                | <b>Hdac6</b>              |
| UniProt Synonym Gene Names       | HD6                       |
| UniProt Entry Name               | HDAC6_MOUSE               |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hdac6-antibody-immunohistochemistry-chromatin-immunoprecipitation-elisa/198381>