

## Rabbit HDAC8 Polyclonal Antibody | anti-HDAC8 antibody

HDAC8 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA279698</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

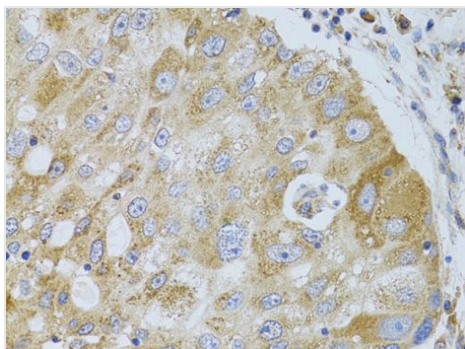
### PRODUCT SYNONYMS

HDAC8; Polyclonal Antibody; HDAC8 Polyclonal Antibody; HD8; WTS; RPD3; CDA07; CDLS5; MRXS6; HDACL1; anti-HDAC8 antibody

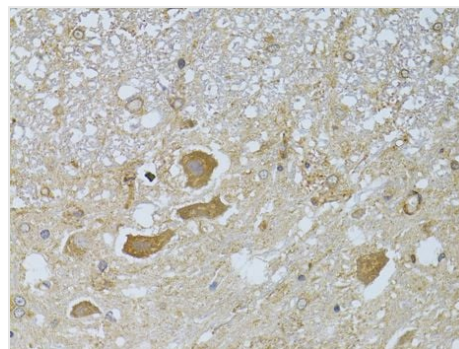
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Isotype                                         | IgG                                                                                                                                                   |
| Purity/Purification                             | Affinity Purification                                                                                                                                 |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                 | 377                                                                                                                                                   |
| Applicable Applications for anti-HDAC8 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Species                                         | Human                                                                                                                                                 |
| Immunogen                                       | Recombinant Protein                                                                                                                                   |
| Immunogen                                       | Recombinant protein of human HDAC8                                                                                                                    |
| Calculated Molecular Weight                     | 41kDa                                                                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

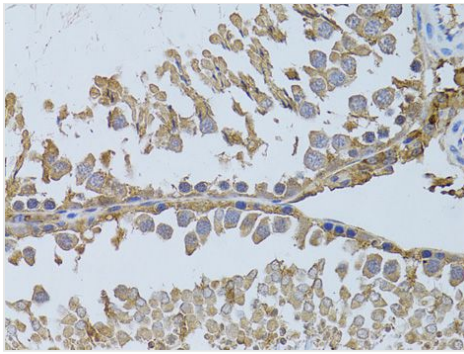
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human breast cancer using HDAC8 antibody at dilution of 1:100 (40x lens).

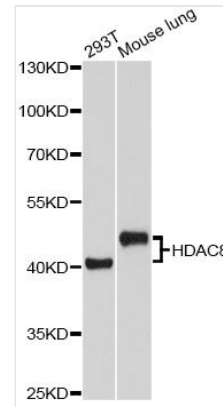

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat spinal cord using HDAC8 antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using HDAC8 antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HDAC8 Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-HDAC8 antibody</b> | Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <b>Product Categories/Family for anti-HDAC8 antibody</b>   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                        |
|-----------------------------------------|----------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 29839394                                                                               |
| <b>NCBI GeneID</b>                      | 55869                                                                                  |
| <b>UniProt Accession #</b>              | Q9BY41; Q86VC8; Q9NP76; Q9NYH4; A6ND12; A6ND61; A6NET3; A6NJR3; A8MQ62; B4DKN0; B4DV22 |
| <b>Molecular Weight</b>                 | 377                                                                                    |
| <b>NCBI Official Full Name</b>          | Histone deacetylase 8                                                                  |
| <b>NCBI Official Synonym Full Names</b> | histone deacetylase 8                                                                  |
| <b>NCBI Official Symbol</b>             | HDAC8                                                                                  |
| <b>NCBI Official Synonym Symbols</b>    | HD8; WTS; RPD3; CDA07; CDLS5; MRXS6; HDACL1                                            |
| <b>NCBI Protein Information</b>         | histone deacetylase 8; histone deacetylase-like 1                                      |
| <b>UniProt Protein Name</b>             | Histone deacetylase 8                                                                  |
| <b>UniProt Gene Name</b>                | <b>HDAC8</b>                                                                           |
| <b>UniProt Synonym Gene Names</b>       | HDACL1; HD8                                                                            |
| <b>UniProt Entry Name</b>               | HDAC8_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://www.aaabiotech.com/polyclonal/hdac8-antibody-immunohistochemistry-western-blot-elisa/279698>