

## Rabbit Histone Deacetylase 5/9 Polyclonal Antibody | anti-HDAC5 antibody

Rabbit anti-Histone Deacetylase 5/9 Antibody

|                               |                       |                                                                      |                                                           |
|-------------------------------|-----------------------|----------------------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA223431</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Bovine, Chicken, Dog, Pig, Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

Histone Deacetylase 5/9; Polyclonal Antibody; Rabbit anti-Histone Deacetylase 5/9 Antibody; HDAC5; KIAA0600; Histone deacetylase 5; HD5; Antigen NY-CO-9; HDAC9; HDAC7; HDAC7B; HDRP; KIAA0744; MITR; Histone deacetylase 9; HD9; Histone deacetylase 7B; HD7; HD7b; Histone deacetylase-related protein; MEF2-interacting transcription repressor MITR; anti-HDAC5 antibody

### PRODUCT SPECIFICATIONS

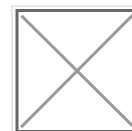
|                                                 |                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                 |
| Reactivity                                      | Human, Mouse, Bovine, Chicken, Dog, Pig, Rabbit                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                             |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                                        |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                              |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                                                 |
| Applicable Applications for anti-HDAC5 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                          |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Histone Deacetylase 5/9. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone Deacetylase 5/9 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Histone Deacetylase 5/9 expression in HeLa (A), NIH3T3 (B), rat intestine (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-HDAC5 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 62750349 |
| NCBI GeneID | 10014    |

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI Accession #                 | NP_001015053.1                         |
| NCBI GenBank Nucleotide #        | NM_001015053.1                         |
| UniProt Accession #              | Q9UQL6; Q9UKV0; Q9ZZV6; Q99N13         |
| Molecular Weight                 | 121,978 Da                             |
| NCBI Official Full Name          | histone deacetylase 5 isoform 3        |
| NCBI Official Synonym Full Names | histone deacetylase 5                  |
| NCBI Official Symbol             | HDAC5                                  |
| NCBI Official Synonym Symbols    | HD5; NY-CO-9                           |
| NCBI Protein Information         | histone deacetylase 5; antigen NY-CO-9 |
| UniProt Protein Name             | Histone deacetylase 5                  |
| UniProt Gene Name                | <b>HDAC5</b>                           |
| UniProt Synonym Gene Names       | KIAA0600; HD5                          |
| UniProt Entry Name               | HDAC5_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.

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/histone-deacetylase-5-9-antibody-immunohistochemistry-western-blot-elisa/223431>