

Datasheet for ABIN1901454  
**anti-HDAC5 antibody (AA 325-375)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 50 µg                                                                                                                 |
| Target:              | HDAC5                                                                                                                 |
| Binding Specificity: | AA 325-375                                                                                                            |
| Reactivity:          | Human                                                                                                                 |
| Host:                | Rabbit                                                                                                                |
| Clonality:           | Polyclonal                                                                                                            |
| Conjugate:           | This HDAC5 antibody is un-conjugated                                                                                  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand:        | IHC-plus™                                                                                                                                                                                                                                                             |
| Immunogen:    | Anti-HDAC5 affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the internal region surrounding 325-375aa of human HDAC5 protein.<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:  | BLAST analysis suggests cross-reactivity with hamster based on 100 % sequence homology.                                                                                                                                                                               |
| Purification: | Immunoaffinity purified                                                                                                                                                                                                                                               |
| Sterility:    | Sterile filtered                                                                                                                                                                                                                                                      |

## Target Details

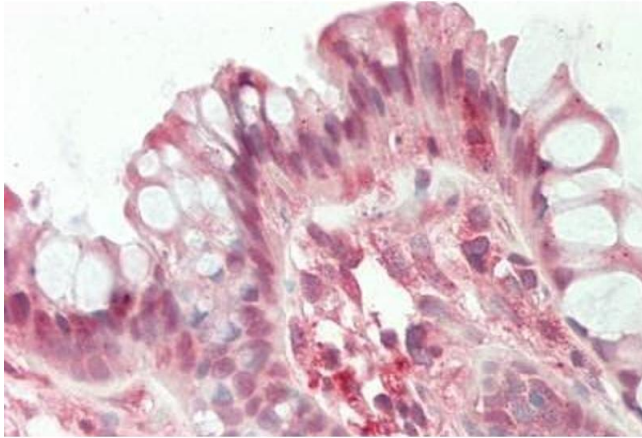
|                   |                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | HDAC5                                                                                                                                                                 |
| Alternative Name: | HDAC5 ( <a href="#">HDAC5 Products</a> )                                                                                                                              |
| Background:       | Name/Gene ID: HDAC5<br>Family: Histone Deacetylase<br><br>Synonyms: HDAC5, Antigen NY-CO-9, Histone deacetylase 5, NY-CO-9, HD5, KIAA0600                             |
| Gene ID:          | 10014                                                                                                                                                                 |
| Pathways:         | <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Monocarboxylic Acid Catabolic Process</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA (1:10000), IHC, IHC-P (5 µg/mL), WB (1 µg/mL)<br><br>Usage: Anti-HDAC5 antibody is useful for ELISA, Immunohistochemistry, and Western Blot.<br>Expect a band approximately ~122kD corresponding to the appropriate cell lysate or extract. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                                                           |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                       |

## Handling

|                  |                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                                        |
| Concentration:   | Lot specific                                                                                                                                                  |
| Buffer:          | 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 30 % glycerol, sterile filtered                                                                   |
| Handling Advice: | avoid freeze thaw cycles                                                                                                                                      |
| Storage:         | 4 °C,-20 °C                                                                                                                                                   |
| Storage Comment: | Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles. Centrifuge product before removing cap. Only dilute immediately prior to use. |



#### Immunohistochemistry

**Image 1.** Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)