

# Anti-Phospho-Histone Deacetylase 5/9 (S259/220) Rabbit Polyclonal Antibody



**Catalog #: U0559**

## Aliases

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

## Background

Gene Name: HDAC5/9

NCBI Gene Entry: [10014/9734](#)

UniProt Entry: [Q9UQL6/Q9UKV0](#)

## Application Information

Molecular Weight: Predicted, 121, 111 kDa; observed, 124 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, bovine, chicken, dog, pig, rabbit

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

## Immunogen

A synthesized peptide derived from human Phospho-Histone Deacetylase 5/9 (S259/220)

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

**Note:** This product is for research use only.

## Validation Data

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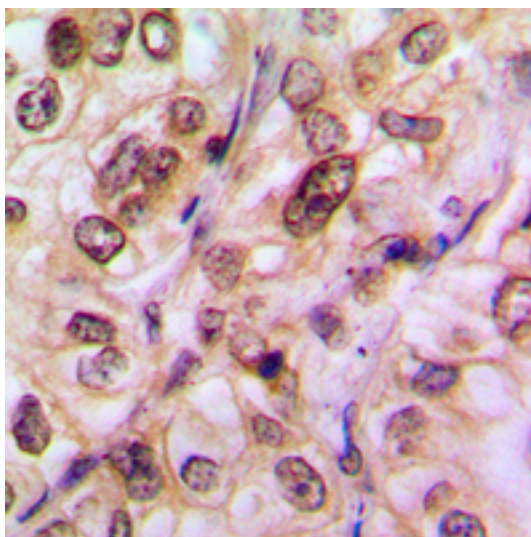
### SUPPORT

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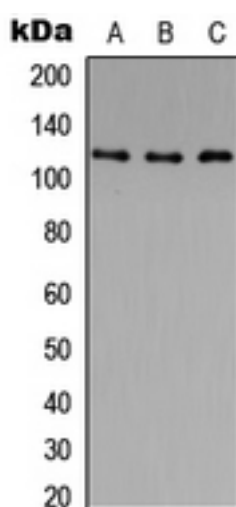
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Immunohistochemical analysis of Histone Deacetylase 5/9 (Phospho-S259/220) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (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.



Western blotting analysis of Histone Deacetylase 5/9 (Phospho-S259/220) expression in PC3 (A), HeLa (B), NIH3T3 (C) whole cell lysates.