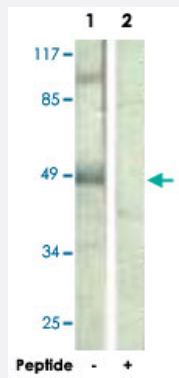


# HDAC3 polyclonal antibody

Catalog # PAB18361      Size 100 ug

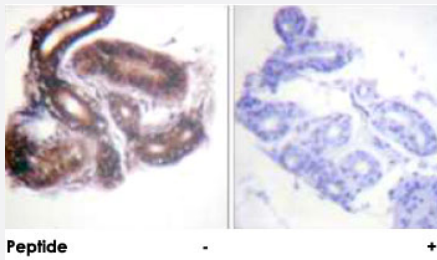
## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, using HDAC3 polyclonal antibody (Cat # PAB18361).

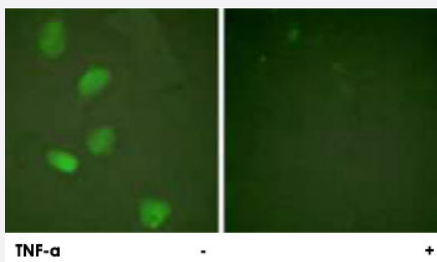
Peptide "+" means "peptide blocking".



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human skin tissue, using HDAC3 polyclonal antibody (Cat # PAB18361).

Peptide "+" means "peptide blocking".



### Immunofluorescence

Immunofluorescence analysis of HeLa cells, treated with TNF-α (20 nM, 15 mins), using HDAC3 polyclonal antibody (Cat # PAB18361).

Peptide "+" means "peptide blocking".

## Specification

### Product Description

Rabbit polyclonal antibody raised against synthetic peptide of HDAC3.

|                            |                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>           | A synthetic peptide corresponding to residues surrounding S424 of human HDAC3.                                                                                                                |
| <b>Host</b>                | Rabbit                                                                                                                                                                                        |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                             |
| <b>Specificity</b>         | This antibody is specific to HDAC3.                                                                                                                                                           |
| <b>Form</b>                | Liquid                                                                                                                                                                                        |
| <b>Purification</b>        | Affinity purification                                                                                                                                                                         |
| <b>Concentration</b>       | 1 mg/mL                                                                                                                                                                                       |
| <b>Recommend Usage</b>     | Western Blot (1:500-1:1000)<br>Immunohistochemistry (1:50-1:100)<br>Immunofluorescence (1:500-1:1000)<br>ELISA (1:5000)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)                                                                                                                                 |
| <b>Storage Instruction</b> | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                                                            |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                        |

## Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, using HDAC3 polyclonal antibody (Cat # PAB18361).

Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human skin tissue, using HDAC3 polyclonal antibody (Cat # PAB18361).

Peptide "+" means "peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, treated with TNF- $\alpha$  (20 nM, 15 mins), using HDAC3 polyclonal antibody (Cat # PAB18361).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — HDAC3

|                    |                           |
|--------------------|---------------------------|
| Entrez GeneID      | <a href="#">8841</a>      |
| Protein Accession# | <a href="#">O15379</a>    |
| Gene Name          | HDAC3                     |
| Gene Alias         | HD3, RPD3, RPD3-2         |
| Gene Description   | histone deacetylase 3     |
| Omim ID            | <a href="#">605166</a>    |
| Gene Ontology      | <a href="#">Hyperlink</a> |
| Other Designations | -                         |

## Publication Reference

- [Functional characterization of JMJD2A, a histone deacetylase- and retinoblastoma-binding protein.](#)

Gray SG, Iglesias AH, Lizcano F, Villanueva R, Camelo S, Jingu H, Teh BT, Koibuchi N, Chin WW, Kokkotou E, Dangond F.  
The Journal of Biological Chemistry 2005 Aug; 280(31):28507.

Application: ChIP, WB, Human, Human mammalian cells

## Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)