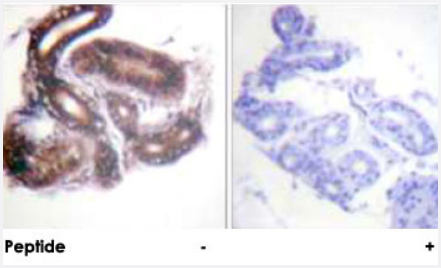
HDAC3 polyclonal antibody

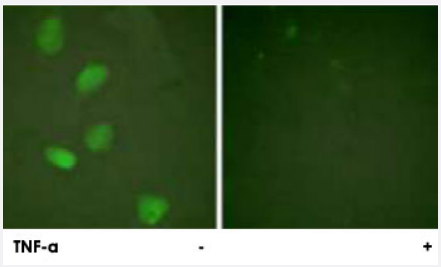
Catalog # PAB18361 Size 100 ug

Applications



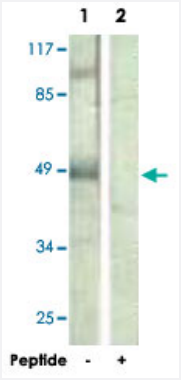
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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-a (20 nM, 15 mins), using HDAC3 polyclonal antibody (Cat # PAB18361).
Peptide "+" means "peptide blocking".



Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, using HDAC3 polyclonal antibody (Cat # PAB18361).
Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HDAC3.

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

Applications

- 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-a (20 nM, 15 mins), using HDAC3 polyclonal antibody (Cat # PAB18361).
  Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western blot analysis of extracts from NIH/3T3 cells, using HDAC3 polyclonal antibody (Cat # PAB18361).
  Peptide "+" means "peptide blocking".

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Gene Info — HDAC3

Entrez GeneID	8841
Protein Accession#	O15379
Gene Name	HDAC3
Gene Alias	HD3, RPD3, RPD3-2
Gene Description	histone deacetylase 3
Omim ID	605166
Gene Ontology	Hyperlink
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

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