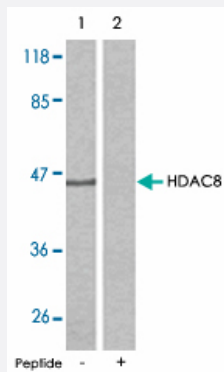


# HDAC8 polyclonal antibody

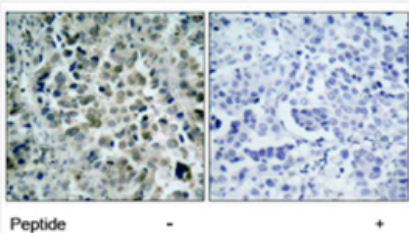
Catalog # PAB5387      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells using HDAC8 polyclonal antibody (Cat # PAB5387) .



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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC8 polyclonal antibody (Cat # PAB5387) .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of HDAC8.
<b>Immunogen</b>	A synthetic peptide corresponding to residues surrounding S39 of human HDAC8.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.

<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. 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 HDAC8 polyclonal antibody (Cat # PAB5387) .

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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC8 polyclonal antibody (Cat # PAB5387) .

## Gene Info — HDAC8

<b>Entrez GeneID</b>	<a href="#">55869</a>
<b>Gene Name</b>	HDAC8
<b>Gene Alias</b>	HDACL1, RPD3
<b>Gene Description</b>	histone deacetylase 8
<b>Omim ID</b>	<a href="#">300269</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. [provided by RefSeq]
<b>Other Designations</b>	histone deacetylase-like 1

## Publication Reference

- [Negative regulation of histone deacetylase 8 activity by cyclic AMP-dependent protein kinase A.](#)

Lee H, Rezai-Zadeh N, Seto E.

Molecular and Cellular Biology 2004 Jan; 24(2):765.

Application: IP-WB, Human, HeLa cells

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)