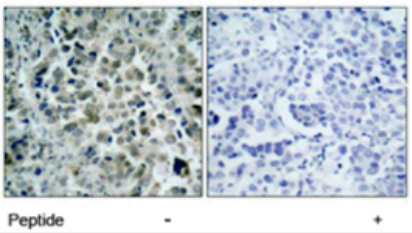
HDAC8 polyclonal antibody

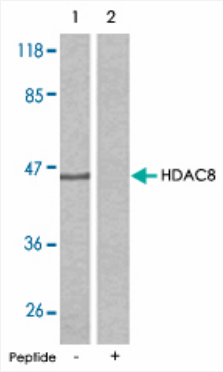
Catalog # PAB5387 Size 100 ug

Applications



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

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



Western Blot (Cell lysate)

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

Specification

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

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Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM 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 breast carcinoma tissue using HDAC8 polyclonal antibody (Cat # PAB5387) .

- Western Blot (Cell lysate)

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

Gene Info — HDAC8

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

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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

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