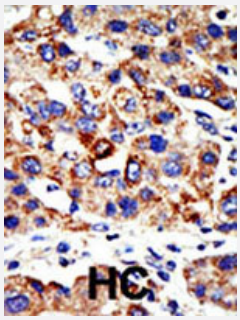
HDAC8 polyclonal antibody

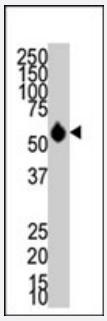
Catalog # PAB2336 Size 400 uL

Applications



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

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with the HDAC8 polyclonal antibody (Cat # PAB2336) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.



Western Blot (Cell lysate)

Western blot analysis of HDAC8 polyclonal antibody (Cat # PAB2336) in mouse NIH/3T3 cell lysate. HDAC8 (Arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HDAC8.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human HDAC8.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

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Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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)

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Gene Info — HDAC8

Entrez GeneID	55869
Protein Accession#	Q9BY41
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

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Other Designations	histone deacetylase-like 1

Publication Reference

- Cloning and characterization of human histone deacetylase 8.

  Van den Wyngaert I, de Vries W, Kremer A, Neefs J, Verhasselt P, Luyten WH, Kass SU.

  FEBS Letters 2000 Jul; 478(1-2):77.

- Cloning and characterization of a novel human class I histone deacetylase that functions as a transcription repressor.

  Hu E, Chen Z, Fredrickson T, Zhu Y, Kirkpatrick R, Zhang GF, Johanson K, Sung CM, Liu R, Winkler J.

  The Journal of Biological Chemistry 2000 May; 275(20):15254.

- Characterization of a highly complex region in Xq13 and mapping of three isodicentric breakpoints associated with preleukemia.

  McDonell N, Ramser J, Francis F, Vinet MC, Rider S, Sudbrak R, Riesselman L, Yaspo ML, Reinhardt R, Monaco AP, Ross F, Kahn A, Kearney L, Buckle V, Chelly J.

  Genomics 2000 Mar; 64(3):221.

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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