

Datasheet

HDAC8 polyclonal antibody

Catalog Number: PAB2336

Regulatory Status: For research use only (RUO)

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

Applications: IHC-P, WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein G purification

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.

Entrez GeneID: 55869

Gene Symbol: HDAC8

Gene Alias: HDACL1, RPD3

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 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]

References:

1. 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 Lett. 2000 Jul 28;478(1-2):77-83.
2. 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. J Biol Chem. 2000 May 19;275(20):15254-64.
3. Characterization of a highly complex region in Xq13 and mapping of three isodicentric breakpoints associated with preleukemia. McDonnell 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 15;64(3):221-9.