

Datasheet

HDAC7 polyclonal antibody

Catalog Number: PAB2334

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of HDAC7.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human HDAC7.

Host: Rabbit

Reactivity: Human

Applications: 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)

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: 51564

Gene Symbol: HDAC7

Gene Alias: DKFZp586J0917, FLJ99588, HD7A, HDAC7A

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

has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

References:

1. Participation of histones and histone-modifying enzymes in cell functions through alterations in chromatin structure. Nakayama T, Takami Y. J Biochem. 2001 Apr;129(4):491-9.
2. Histone deacetylase: a target for antiproliferative and antiprotozoal agents. Meinke PT, Liberator P. Curr Med Chem. 2001 Feb;8(2):211-35.
3. Histone deacetylases, transcriptional control, and cancer. Cress WD, Seto E. J Cell Physiol. 2000 Jul;184(1):1-16.