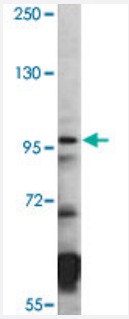
HDAC7 polyclonal antibody

Catalog # PAB2334 Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of CEM cell lysate with HDAC7 polyclonal antibody (Cat # PAB2334).

Specification

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
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.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of CEM cell lysate with HDAC7 polyclonal antibody (Cat # PAB2334).

Gene Info — HDAC7

Entrez GeneID	51564
Protein Accession#	HDA7_HUMAN
Gene Name	HDAC7
Gene Alias	DKFZp586J0917, FLJ99588, HD7A, HDAC7A
Gene Description	histone deacetylase 7
Omim ID	606542
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 has sequence homology to members of th e histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein pro motes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transc ript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	histone deacetylase 7A

Publication Reference

- Participation of histones and histone-modifying enzymes in cell functions through alterations in chromatin structure.

  Nakayama T, Takami Y.

  Journal of Biochemistry 2001 Apr; 129(4):491.

- Histone deacetylase: a target for antiproliferative and antiprotozoal agents.

  Meinke PT, Liberator P.

  Current Medicinal Chemistry 2001 Feb; 8(2):211.

- Histone deacetylases, transcriptional control, and cancer.

  Cress WD, Seto E.

  Journal of Cellular Physiology 2000 Jul; 184(1):1.

Disease

- Asthma
- Cardiovascular Diseases
- Celiac Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease