HDAC4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HDAC4, Polyclonal Antibody
Full Product Name	HDAC4 (Histone Deacetylase 4, HD4, KIAA0288) (MaxLight 405)
Product Gene Name	anti-HDAC4 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human HDAC4.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human HDAC4, aa1-972 (AAH39904.1).
Immunogen Sequence	MLAMKHQQELLEHQRKLERHRQEQELEKQHREQKLQQLKNKEKGKESAVASTEVKMKLQEFVLNKKKALAHRNLNHCISSDPRYWYGKTQHSSLDQSS
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-HDAC4 antibody	Antibodies; Enzymes; Deacetylase
Applications Tested/Suitable for anti-HDAC4 antibody	Western Blot (WB)
Application Notes for anti-HDAC4 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-HDAC4 antibody	DNA is wrapped around histone proteins to form nucleosomes and chromatin fiber, a higher-order structure. Chromatin can become alternatively revea chondrocytes, interacts with and inhibits the activity of Runx2 in mice, a transcription factor necessary for chondrocyte hypertrophy, establishing HDAC
Other Notes	Small volumes of anti-HDAC4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for HDAC4 purchase	MBS6380896 is an antibody targeting HDAC4. Also known as HDAC4 (Histone Deacetylase 4, HD4, KIAA0288) (MaxLight 405). Reactive in Human. H

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HDAC4. It may not necessarily be applicable to this product.

NCBI GI #	25058272
NCBI GeneID	9759
NCBI Accession #	BC039904.1
UniProt Related Accession #	P56524
NCBI Official Full Name	Homo sapiens histone deacetylase 4, mRNA
NCBI Official Synonym Full Names	histone deacetylase 4
NCBI Official Symbol	HDAC4
NCBI Official Synonym Symbols	HD4; AHO3; BDMR; HDACA; HA6116; HDAC-4; HDAC-A
NCBI Protein Information	histone deacetylase 4
NCBI Summary for HDAC4	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 II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3. [provided by RefSeq, Jul 2008]
Research Articles on HDAC4	**1.** The biological importance of HDAC4 as a virus restriction factor.
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