9F, No. 108, Jhouzih St., Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

HDAC4 MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00009759-D01

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human HDAC4 protein.

Immunogen: HDAC4 (AAH39904.1, 1 a.a. ~ 972 a.a) full-length human protein.

Sequence:
MLAMKHQQELLEHQRKLERHRQEQELEKQHREQKLQ
QLKNKEKGKESAVASTEVKMKLQEFVLNKKKALAHRN
LNHCISSDPRYWYGKTQHSSLDQSSPPQSGVSTSYN
HPVLGMYDAKDDFPLRKTASEPNLKLRSRLKQKVAER
RSSPLLRRKDGPVVTALKKRPLDVTDSACSSAPGSGP
SSPNNSSGSVSAENGIAPAVPSIPAETSLAHRLVAREG
SAAPLPLYTSPSLPNITLGLPATGPSAGTAGQQDAERL
TLPALQQRLSLFPGTHLTPYLSTSPLERDGGAAHSPLL
QHMVLLEQPPAQAPLVTDWYLSGLGALPLHAQSLVGA
DRVSPSIHKLRQHRPLGRTQSAPLPQNAQALQHLVIQ
QQHQQFLEKHKQQFQQQQLQMNKIIPKPSEPARQPE
SHPEETEEELREHQALLDEPYLDRLPGQKEAHAQAGV
QVKQEPIESDEEEAEPPREVEPGQRQPSEQELLFRQQ
ALLLEQQRIHQLRNYQASMEAAGIPVSFGGHRPLSRA
QSSPASATFPVSVQEPPTKPRFTTGLVYDTLMLKHQC
TCGSSSSHPEHAGRIQSIWSRLQETGLRGKCECIRGR
KATLEELQTVHSEAHTLLYGTNPLNRQKLDSKKLLGSL
ASVFVRLPCGGVGVDSDTIWNEVHSAGAARLAVGCV
VELVFKVATGELKNGFAVVRPPGHHAEESTPMGFCYF
NSVAVAAKLLQQRLSVSKILIVDWDVHHGNGTQQAFY
SDPSVLYMSLHRYDDGNFFPGSGAPDEVGTGPGVGF
NVNMAFTGGLDPPMGDAEYLAAFRTVVMPIASEFAPD
VVLVSSGFDAVEGHPTPLGGYNLSARCFGYLTKQLMG
LAGGRIVLALEGGHDLTAICDASEACVSALLGNELDPL
PEKVLQQRPNANAVRSMEKVMEIHSKYWRCLQRTTS
TAGRSLIEAQTCENEEAETVTAMASLSVGVKPAEKRP
DEEPMEEEPPL

Host: Rabbit

Reactivity: Human

Applications: IP, WB-Tr
(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

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9759

Gene Symbol: HDAC4

Gene Alias: HA6116, HD4, HDAC-A, HDACA, KIAA0288

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 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]