

DNAxPAb

Hard-to-Find
Antibody

HDAC9 DNAxPab

Catalog # H00009734-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human HDAC9 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MHSMISSVDVKSEVPVGLPISPLDLRTDLRMMMPVVDVREKQLQQEQLLIQQQQQIQKQLLIA
EFQKQHENLTRQHQAQLQEHIKLQQELLAIKQQQELLEKEQKLEQQRQEQUEVERHRREQQLPPL
RGKDRGRERAVASTEVEKQKLQEFLLSKSATKDTPTNGKNHVSVRHPKLWYTAHHSTLDQSSPP
LSGTSPSYKYTLPGAQDAKDDFPLRKTASEPNLKVRSRLKQKVAERRSSPLLRRKDGNNVTSFK
KRMFEVTESSVSSSSPGSGPSSPNNGPTGVTENETSVLPPTPHAEQMVSSQQRILIHEDSMNLL
SLYTSPSLPNITLGLPAVPSQLNASNSLKEKQKCETQTLRQGVPLPGQYGGSSIPASSSHPHVTLEG
KPPNSSHQALLQHLLLKEQMRQQKLLVAGGVPLHPQSPLATKERISPGIRGTHKLPRHRPLNRTQ
SAPLPQSTLAQLVIQQQHQQFLEKQKQYQQQIHMNKLLSKSIEQLKQPGSHLEEAEEELQGDQAM
QEDRAPSSGNSTRSDSSACVDDTLGQVGAVKVKEEPVDSDEDAIQEMESGEQA AFMQQPFL
EPHTTRALSVRQAPLA AVGMDGLEKHRLVSRTHSSPAASVLPHPAMDRPLQPGSATGIA YDPLM
LKHQCVCGNSTTHPEHAGRIQSIWSRLQETGLLNKCERIQGRKASLEEIQLVHSEHHSLLYGTNPL
DGQKLDPRILLGDDSQKFFSSLPCGGLGVDSDTWNELHSSGAARMAVGCVIELASKVASGELK
NGFAVVRPPGHHAEEESTAMGFCFFNSVAITAKYLRDQLNISKILVDLDVHHGNGTQQAFYADPSIL
YISLHRYDEGNFFPGSGAPNEVGTGLGEGYNINIAWTGGLDPPMGDVEYLEAFRTIVKPVAKFDP
DMVLVSAGFDALEGHTPPLGGYKVTAKCFGHLTKQLMTLADGRVVLAEGGHDLTAICDASEAC
VNALLGNELEPLAEDILHQSPNMNAVISLQKIIQSKYWKSVRMVAVPRGCALAGAQLQEETETV
SALASLTVDVEQPFAQEDSRTAGEPMEEEPAL

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

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

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HDAC9

Entrez GeneID	9734
GeneBank Accession#	NM_178425.1
Protein Accession#	NP_848512.1
Gene Name	HDAC9
Gene Alias	DKFZp779K1053, HD7, HDAC, HDAC7, HDAC7B, HDAC9B, HDAC9FL, HDRP, KIAA0744, MITR
Gene Description	histone deacetylase 9
Omim ID	606543
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 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 the Xenopus and mouse MITR genes. The MITR protein lacks the histone deacetylase catalytic domain. It represses MEF2 activity through recruitment of multicomponent corepressor complexes that include CtBP and HDACs. This encoded protein may play a role in hematopoiesis. Multiple alternatively spliced transcripts have been described for this gene but the full-length nature of some of them has not been determined. [provided by RefSeq]
Other Designations	MEF-2 interacting transcription repressor (MITR) protein histone deacetylase 4/5-related protein histone deacetylase 7 histone deacetylase 7B

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