

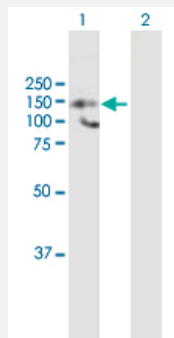
MaxPab®

HDAC9 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009734-B01P

Size 50 ug

Applications

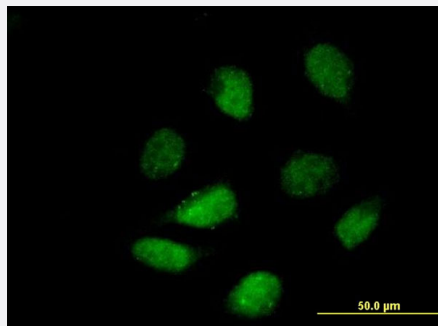


Western Blot (Transfected lysate)

Western Blot analysis of HDAC9 expression in transfected 293T cell line ([H00009734-T01](#)) by HDAC9 MaxPab polyclonal antibody.

Lane 1: HDAC9 transfected lysate (117.59 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HDAC9 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description Mouse polyclonal antibody raised against a full-length human HDAC9 protein.

Immunogen HDAC9 (NP_848512.1, 1 a.a. ~ 1069 a.a) full-length human protein.

Sequence

MHSMISSVDVKSEVPVGLPEISPLDLRTDLRMMMPVVDPPVREKQLQQEQLLIQQQQQIQKQLLIA
EFQKQHENLTRQHQAAQLQEHIKLQQELLAIKQQQELLEKEQKLEQQRQEQUEVERHRREQLPPL
RGKDRGRERAVASTEVKQKLQEFLLSKSATKDTPTNGKNHVSRRHPKLWYTAHHSTLDQSSPP
LSGTSPSYKYTLPGAQDAKDDFPLRKTASEPNLKVRSRLKQKVAERRSSPLLRRKDGNNVTSFK
KRMFEVTESSVSSSSPGSGPSSPNNGPTGSGVTENETSVLPPTPHAEQMVSSQQRILIHEDSMNLL
SLYTSPSLPNITLGLPAVPSQLNASNSLKEKQKCETQTLRQGVPLPGQYGGSSIPASSSSHPTLEG
KPPNSSHQALLQHLLLKEQMRQQKLLVAGGVPLHPQSPLATKERISPGIRGTHKLPRHRPLNRTQ
SAPLPQSTLAQLVIQQQHQQFLEKQKQYQQQIHMNKLLSKSIEQLKQPGSHLEEAEEELQGDQAM
QEDRAPSSGNSTRSDSSACVDDTLGQVGAVKVKEEPVDSDEDAQIQEMESGEQAAMFQQPFL
EPHTRALSVRQAPLAAGVMDGLEKHRLVSRTHSSPAASVLPHPAMDRPLQPGSATGIAVDPLM
LKHQCVCNSTTHPEHAGRIQSIWSRLQETGLLNKCERIQGRKASLEEIQLVHSEHHSLLYGTNPL
DGQKLDPRILLGDDSQKFSSSLPCGGLGVDSDTWNELHSSGAARMAVGCVIELASKVASGELK
NGFAVVRPPGHHAEEESTAMGFCFFNSVAITAKYLRDQLNISKILVDLDVHHGNGTQQAFYADPSIL
YSLHRYDEGNFFPGSGAPNEVGTGLGEGYNINIAWTGGLDPPMGDVEYLEAFRTIVKPVAKFDP
DMVLVSAGFDALEGHTPPLGGYKVTAKCFGHLTKQLMTLADGRVVLAELEGHDLTAICDASEAC
VNALLGNELEPLAEDILHQSPNMNAVISLQKIIQSKYWKSVRMVAVPRGCALAGAQLQEETETV
SALASLTVDVEQPFAQEDSRTAGEPMEEEPAL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (92); Rat (92)

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)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

• Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HDAC9 on HeLa cell. [antibody concentration 10 ug/ml]

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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