HDAC9 Rabbit Polyclonal Antibody

CAB1516

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

128kDa

Calculated MW:

57-65kDa/97-117kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

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.

Immunogen information

Gene ID:
9734

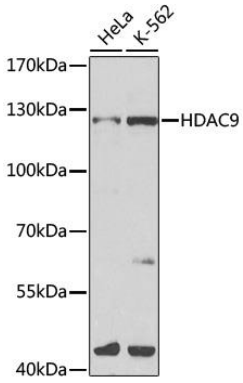
Uniprot
Q9UKV0

Synonyms:
HDAC9; HD7; HD7b; HD9; HDAC; HDAC7; HDAC7B; HDAC9B; HDAC9FL; HDRP; MITR

Immunogen:
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HDAC9 (NP_478056.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using HDAC9 antibody (CAB1516) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

