

Datasheet for ABIN523199  
**anti-HDAC9 antibody (AA 1-1069)**



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2 Images

Overview

Quantity:	50 µg
Target:	HDAC9
Binding Specificity:	AA 1-1069
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This HDAC9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	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:	MHSMISSVDV KSEVPVGLPE ISPLDLRTDL RMMMPVDDPV VREKQLQQEL LLIQQQQIQ KQLLIAEFQK QHENLTRQHQ AQLQEHIKQ QELLAIKQQQ ELLEKEQKLE QQRQEQUEVER HRREQQLPPL RGKDRGRERA VASTEVKQKL QEFLLSKSAT KDTPTNGKNH SVSRHPKLWY TAAHHTSLDQ SSPPLSGTSP SYKYTLPGAQ DAKDDFPLRK TASEPNLKVR SRLKQKVAER RSSPLLRRKD GNVVTSFKKR MFEVTESSVS SSSPGSGPSS PNNGPTGSVT ENETSVLPPT PHAEQMVSQQ RILIHEDSMN LLSLYTSPSL PNITGLPAV PSQLNASNSL KEKQKCETQT LRQGVPLPGQ YGGSIPASSS HPHVTLEGKP PNSSHQALLQ HLLLKEQMRQ QKLLVAGGVP LHPQSPLATK ERISPGIRGT HKLPRHRPLN RTQSAPLPQS TLAQLVIQQQ HQQFLEKQKQ YQQQIHMNKL LSKSIEQLKQ PGSHLEEAEE ELQGDQAMQE DRAPSSGNST RSDSSACVDD TLGQVGAVKV KEEPVDSDED AQIQEMESGE QAAFMQQPFL EPTHTRALSV RQAPLAAVGM

## Product Details

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DGLEKHLVSRTHSSPAASV LPHPAMDRPL QPGSATGIAY DPLMLKHQCV CGNSTTHPEH  
AGRIQSIWSR LQETGLLNKC ERIQGRKASL EEIQLVHSEH HSLLYGTNPL DGQKLDPRIL  
LGDDSQKFFS SLPCGGLGVD SDTIWNLHS SGAARMAVGC VIELASKVAS GELKNGFAVV  
RPPGHAAEES TAMGFCFFNS VAITAKYLRD QLNISKILIV DLDVHHGNGT QQAFYADPSI  
LYISLHRYDE GNFFPGSGAP NEVGTGLGEG YNINIAWTGG LDPPMGDVEY LEAFRTIVKP  
VAKEFDPMV LVSAGFDALE GHTPPLGGYK VTAKCFGHLT KQLMTLADGR VVLALEGGHD  
LTAICDASEA CVNALLGNEL EPLAEDILHQ SPNMNAVISL QKIIEIQSKY WKSVRMVAVP  
RGCALAGAQL QEETETVSAL ASLTVDVEQP FAQEDSRTAG EPMEEEPAL

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

## Target Details

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Target:	HDAC9
Alternative Name:	HDAC9 ( <a href="#">HDAC9 Products</a> )
Background:	Full Gene Name: histone deacetylase 9 Synonyms: DKFZp779K1053,HD7,HDAC,HDAC7,HDAC7B,HDAC9B,HDAC9FL,HDRP,KIAA0744,MITR
Gene ID:	9734
NCBI Accession:	<a href="#">NM_178425</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

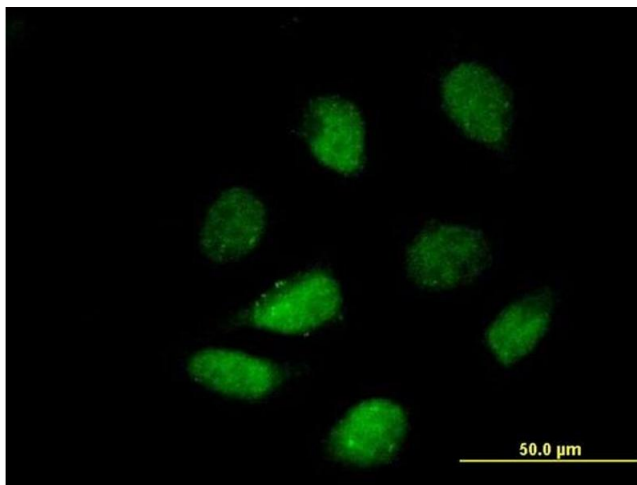


### Western Blotting

**Image 1.** Western Blot analysis of HDAC9 expression in transfected 293T cell line by HDAC9 MaxPab polyclonal antibody.

Lane 1: HDAC9 transfected lysate(117.59 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

**Image 2.** Immunofluorescence of purified MaxPab antibody to HDAC9 on HeLa cell. [antibody concentration 10 ug/ml]