

Rabbit anti-Human PHF8 Monoclonal Antibody | anti-PHF8 antibody

PHF8 Rabbit mAb

CATALOG # AAA282823	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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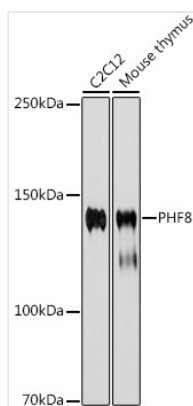
PRODUCT SYNONYMS

PHF8; Monoclonal Antibody; PHF8 Rabbit mAb; KDM7B; JHDM1F; MRXSSD; ZNF422; anti-PHF8 antibody

PRODUCT SPECIFICATIONS

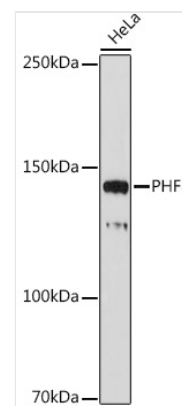
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	TVSNSPASQR TPGKRPIKRP AYWRTESEEE EENASLDEQD SLGACFKDAE YIYPSLESDD DDPALKSRPK KKKNSDDAPW SPKARVTPTL PKQDRPVREG T
Applicable Applications for anti-PHF8 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 800-900 of human PHF8 (Q9UPP1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using PHF8 Rabbit mAb (AAA282823) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using PHF8 Rabbit mAb (AAA282823) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-PHF8 antibody	The protein encoded by this gene is a histone lysine demethylase that preferentially acts on histones in the monomethyl or dimethyl states. The encoded protein requires Fe(2+) ion, 2-oxoglutarate, and oxygen for its catalytic activity. The protein has an N-terminal PHD finger and a central Jumonji C domain. This gene is thought to function as a transcription activator. Defects in this gene are a cause of syndromic X-linked Siderius type intellectual disability (MRXSSD) and over-expression of this gene is associated with several forms of cancer. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PHF8 antibody	Epigenetics Nuclear Signaling; Epigenetic writers and erasers of core Histones; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	296531349
NCBI GeneID	23133
NCBI Accession #	NP_001171825.1
NCBI GenBank Nucleotide #	NM_001184896.1
UniProt Accession #	Q9UPP1; Q5H9U5; Q5JPR9; Q5JPS0; Q5JPS2; Q5JPS3; Q5VUJ4; Q7Z6D4; Q9HAH2; B3KMOV4; B7Z911
Molecular Weight	Calculated MW: 118kDa Observed MW: 140kDa
UniProt Protein Name	Histone lysine demethylase PHF8
UniProt Gene Name	PHF8
UniProt Synonym Gene Names	KIAA1111; ZNF422

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/phf8-antibody-western-blot-elisa/282823>