

Rabbit anti-Human PLOD3 Monoclonal Antibody | anti-PLOD3 antibody

PLOD3 Rabbit mAb

CATALOG # AAA282876	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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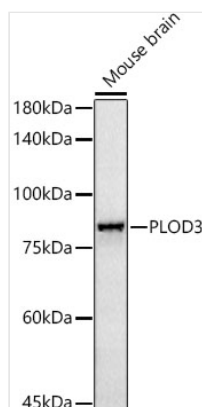
PRODUCT SYNONYMS

PLOD3; Monoclonal Antibody; PLOD3 Rabbit mAb; LH3; anti-PLOD3 antibody

PRODUCT SPECIFICATIONS

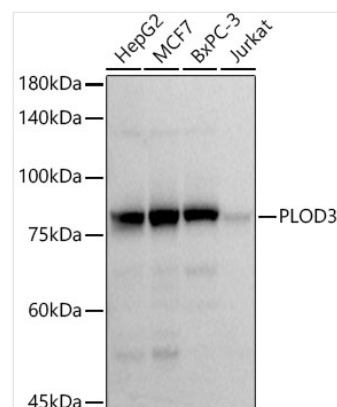
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SDRPRGRDPV NPEKLLVITV ATAETEGYLR FLRSAEFFNY TVRTLGLGEE WRGGDVARTV GGGQKVRWLK KEMEKYADRE DMIIMFVDSY DVILAGSPTE LLKKFVQSGS RLLFSAESFC WPEWGLAEQY PEVGTGKRFL NSGGFIGFAT TIHQIVRQWK YKDDDDQQLF YTRLYPDPL REKLSLNLDH KSRIFQNLNG ALDEVVLKFD RNRVIRINVA YDTLPIVVHG NGPTKLQLNY LGNYVPNGWT PEGGCGFCNQ DRRTLPGGQP PPRVFLAVFV EQ
Applicable Applications for anti-PLOD3 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 25-306 of human PLOD3 (NP_001075.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Mouse brain, using PLOD3 Rabbit mAb (AAA282876) 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 various lysates using PLOD3 Rabbit mAb (AAA282876) 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: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-PLOD3 antibody	The protein encoded by this gene is a membrane-bound homodimeric enzyme that is localized to the cisternae of the rough endoplasmic reticulum. The enzyme (cofactors iron and ascorbate) catalyzes the hydroxylation of lysyl residues in collagen-like peptides. The resultant hydroxylysyl groups are attachment sites for carbohydrates in collagen and thus are critical for the stability of intermolecular crosslinks. Some patients with Ehlers-Danlos syndrome type VIB have deficiencies in lysyl hydroxylase activity.
Product Categories/Family for anti-PLOD3 antibody	Epigenetics Nuclear Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6093731
NCBI GeneID	8985
UniProt Accession #	O60568; Q540C3; B2R6W6
Molecular Weight	Calculated MW: 85kDa Observed MW: 85kDa
UniProt Protein Name	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3
UniProt Gene Name	PLOD3
UniProt Synonym Gene Names	LH3
UniProt Entry Name	PLOD3_HUMAN

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://www.aaabiotech.com/monoclonal/plod3-antibody-western-blot-elisa/282876>