

Rabbit anti-Human, Mouse PLOD1 Polyclonal Antibody | anti-PLOD1 antibody

PLOD1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311589	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

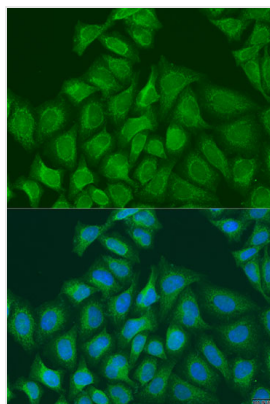
PRODUCT SYNONYMS

PLOD1; Polyclonal Antibody; PLOD1 Polyclonal Antibody; EDS6; LH; LH1; LLH; PLOD; procollagen-lysine; 2-oxoglutarate 5-dioxygenase 1; anti-PLOD1 antibody

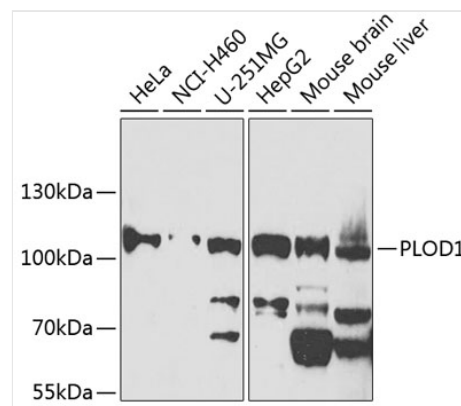
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-PLOD1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PLOD1 (NP_000293.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PLOD1 antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PLOD1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PLOD1 antibody

Lysyl hydroxylase is a membrane-bound homodimeric protein localized to the cisternae of the 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 VI have deficiencies in lysyl hydroxylase activity. Two transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32307144
NCBI GeneID	5351
NCBI Accession #	NP_000293.2
NCBI GenBank Nucleotide #	NM_000302.3
UniProt Accession #	Q02809; Q96AV9; Q9H132; B4DR87
Molecular Weight	88,273 Da
NCBI Official Full Name	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 isoform 2
NCBI Official Synonym Full Names	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1
NCBI Official Symbol	PLOD1
NCBI Official Synonym Symbols	LH; LH1; LLH; EDS6; PLOD
NCBI Protein Information	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1
UniProt Protein Name	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1
UniProt Gene Name	PLOD1
UniProt Synonym Gene Names	LLH; PLOD; LH1

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/polyclonal/plod1-antibody-immunofluorescence-western-blot-elisa/311589>