

Anti-PLOD1 antibody (19-295) (STJ110228)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

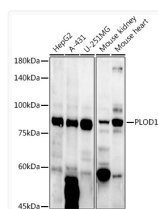
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 84kDa Observed Mw: 84kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	5351
Gene Symbol	PLOD1
UniProt ID	PLOD1_HUMAN
Immunogen Region	19-295
Immunogen Sequence	KGDAKPEDNLLVLTATKET EGFRFRKRSQAFFNYKIQL GLGEDWNVEKGTSAAGGQKV RLKKALEKHADKEDLVILF ADSYDVLFAFGPRELLKKFR QARSQVVFSAEELIYPDRRL ETKYPVVSDBGKFLGSGGFI GYAPNL SKLVAEWEGQSDS DQLFYTKIFLDPEKREQINI TLDHRCRIFQNLGDALDEVV LKFEMGHVRRARNLAYDTLPV LIHNGNPTKLQLNYLGNYI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 19-295 of human PLOD1 (NP_000293.2).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Western blot analysis of various lysates using PLOD1 Rabbit pAb (STJ110228) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Enhanced Kit
 Exposure time: 180s.