

Anti-PLOD3 antibody (25-280) (STJ112565)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

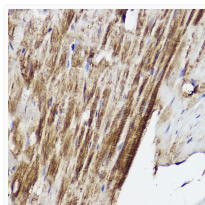
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 85kDa Observed Mw: 85kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

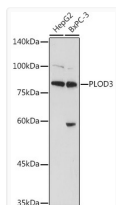
Gene ID	8985
Gene Symbol	PLOD3
UniProt ID	PLOD3_HUMAN
Immunogen Region	25-280
Immunogen Sequence	SDRPRGRDPVNPEKLLVITV ATAETEGYLRLRSAEFFNY TVRTLGLGEEWRGGDVARTV GGGQKVRWLKKEMEKYADRE DMIIMFVDSYDVILAGSPTE LLKKFVQSGSRLLFSAESFC WPEWGLAEQYPEVGTGKRFL NSGGFIGFATTIHQIVRQWK YKDDDDDDQLFYTRLYLDPGL REKLSLNLDHKSRIQNLNG ALDEVVLKFDRNRVRIRNVA YDTLPVIVHGNPPTKLQLN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 25-280 of human PLOD3 (NP_001075.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of paraffin-embedded mouse heart using PLOD3 Rabbit polyclonal antibody (STJ112565) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using PLOD3 antibody (STJ112565) at 1:1000 dilution. Secondary antibody: HRP 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 Basic Kit. Exposure time: 10s.