

Anti-PLOD3 antibody (25-306) [S4161RM] (STJ11104161)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

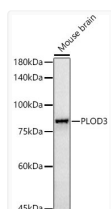
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
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

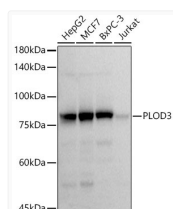
Gene ID	8985
Gene Symbol	PLOD3
UniProt ID	PLOD3_HUMAN
Immunogen Region	25-306
Immunogen Sequence	SDRPRGRDPVNPEKLLVITV ATAETEGYLRFLRSAEFFNY TVRTLGLGEEWRGGDVARTV GGGQKVRWLKKEMEKYADRE DMIIMFVDSYDVILAGSPTE LLKKFVQSGSRLLFSAESFC WPEWGLAEQYPEVGTGKRFL NSGGFIGFATTIHQIVRQWK YKDDDDQLFYTRYLDPLG REKLSLNLDHKSRIQNLNG ALDEVVLKFDNRNRVIRINVA YDTLPVVHNGNPTKLQLN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 25-306 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.



Western blot analysis of extracts of Mouse brain, using PLOD3 antibody (STJ11104161) at 1:2000 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: 180s.



Western blot analysis of extracts of various cell lines, using PLOD3 antibody (STJ11104161) at 1:2000 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: 3s.