

Anti-ACSL4 antibody (1-280) (STJ11103869)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

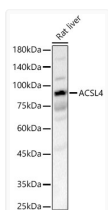
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 79kDa Observed Mw: 79kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

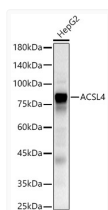
Gene ID	2182
Gene Symbol	ACSL4
UniProt ID	ACSL4_HUMAN
Immunogen Region	1-280
Immunogen Sequence	MAKRIKAKPTSDKPGSPYRS VTHFDSLAVIDIPGADTLDK LFDHAVSKFGKKDSLGTREI LSEENEMQPNQKGVFKKLILG NYKWMNYLEVNRVNNFGSG LTALGLKPKNTIAIFCETRA EWMIAAQTCFKYNFPLVTLY ATLGKEAVVHGLNESEASYL ITSVELLESKLKTALLDISC VKHIIVDNKAINKAEYPEG FEIHSMQSV EELGSPENLG IPPSRPTPSDMAIVMYTSG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human ACSL4 (NP_004449.1).

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 Rat liver, using ACSL4 antibody (STJ11103869) at 1:500 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: 30s.



Western blot analysis of HepG2, using ACSL4 antibody (STJ11103869) at 1:500 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: 20s.