

Anti-ACSL4 antibody (42-321) (STJ28909)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

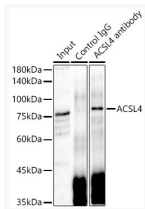
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 79kDa Observed Mw: 79kDa/74kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

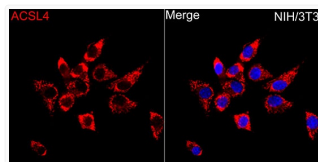
Gene ID	2182
Gene Symbol	ACSL4
UniProt ID	ACSL4_HUMAN
Immunogen Region	42-321
Immunogen Sequence	MAKRIKAKPTSDKPGSPYRS VTHFDSLAVIDIPGADTLDK LFDHAVSKFGKKDSLGTREI LSEENEMQPNGKVFKKLILG NYKWMNYLEVNRVNNFGSG LTALGLKPKNTIAIFCETRA EWMIAAQTCFKYNFPLVTLY ATLGKEAVVHGLNESEASYL ITSVELLESKLTALLDISC VKHIIYVDNKAINKAEYPEG FEIHSMQSV EELGSPENLGI PPSRPTPSDMAIVMYTSG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 42-321 of human ACSL4 (NP_075266.1?).

ADDITIONAL INFORMATION

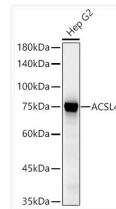
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunoprecipitation analysis of 300ug extracts of Hep G2 cells using 3ug ACSL4 Rabbit polyclonal antibody (STJ28909) at dilution of 1:100. Western blot was performed from the immunoprecipitate using ACSL4 Rabbit polyclonal antibody (STJ28909) at a dilution of 1:2000.



Immunofluorescence analysis of NIH/3T3 cells using ACSL4 Rabbit polyclonal antibody (STJ28909) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from Hep G2 cells using ACSL4 Rabbit polyclonal antibody (STJ28909) at 1:400 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time:10s.