

Anti-FACL4/ACSL4 antibody (C-Term) (STJ70256)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC/IF/FC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Pig/Cow

PRODUCT PROPERTIES

Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 80-85kDa band observed in lysates of cell line HepG2 and approx 75kDa in preliminary testing of Human Adipose lysate (calculated MW of 79.2kDa according to NP_075266.1 and 74.4
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

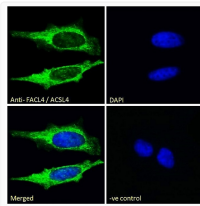
Gene ID	2182
Gene Symbol	ACSL4
UniProt ID	ACSL4_HUMAN
Immunogen Region	C-Term
Immunogen Sequence	HYLKDIERYGGK
Specificity	This antibody is expected to recognise isoform 1 (NP_004449.1) and isoform 2 (NP_075266.1).

ADDITIONAL INFORMATION

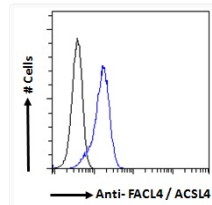
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



STJ70256 (0.1 µg/ml) staining of HepG2 cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70256 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing Golgi and Endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ70256 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody.