ARG63960
anti-ACSL5 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ACSL5
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise isoform a (NP_057318.2) and isoform b (NP_976313.1 and NP_976314.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ACSL5
Species	Human
Immunogen	C-RTQIDSLYEHIQD
Conjugation	Un-conjugated
Alternate Names	FACL5; ACS5; Long-chain-fatty-acid--CoA ligase 5; ACS2; Long-chain acyl-CoA synthetase 5; EC 6.2.1.3; LACS 5

Application Instructions

Application table

Application	Dilution
IHC-P	5 µg/ml
WB	1 - 3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

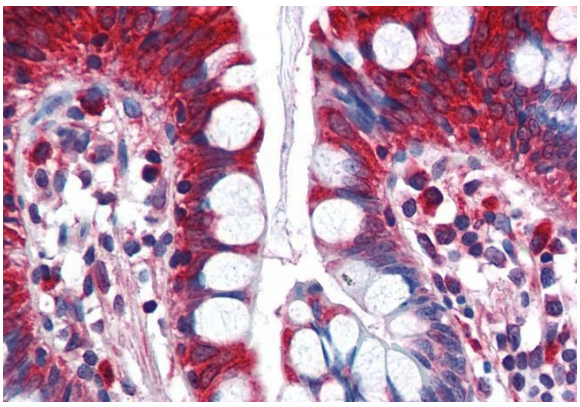
Bioinformation

Database links	GeneID: 51703 Human Swiss-port # Q9ULC5 Human
Background	The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme is highly expressed in uterus and spleen, and in trace amounts in normal brain, but has markedly increased levels in malignant gliomas. This gene functions in mediating fatty acid-induced glioma cell growth. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	76 kDa

Images

ARG63960 anti-ACSL5 antibody WB image

Western Blot: human spleen lysate (35 µg protein in RIPA buffer) stained with ARG63960 anti-ACSL5 antibody at 1 µg/ml dilution.



ARG63960 anti-ACSL5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63960 anti-ACSL5 antibody at 5 µg/ml dilution followed by AP-staining.