Immunotag™ SLC27A2 Antibody

Antibody Specification

Catalog No.	ITA6305
Product Description	Immunotag™ SLC27A2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SLC27A2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SLC27A2
Specificity	SLC27A2 Antibody detects endogenous levels of total SLC27A2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SLC27A2
Accession No.	O14975

Antibody Specification

Alternate Names	ACSVL1; FACVL1; FATP 2; FATP-2; FATP2; Fatty acid coenzyme A ligase, very long chain 1; Fatty acid transport protein 2; Fatty-acid-coenzyme A ligase; hFACVL1; HsT17226; Long chain fatty acid CoA ligase; Long-chain-fatty-acid--CoA ligase; S27A2_HUMAN; Slc27a2; Solute carrier family 27 (fatty acid transporter), member 2; Solute carrier family 27 member 2; THCA CoA ligase; THCA-CoA ligase; Very long chain acyl CoA synthetase; Very long chain fatty acid CoA ligase; Very long chain fatty acid coenzyme A ligase 1; very long-chain 1; Very long-chain acyl-CoA synthetase; Very long-chain-fatty-acid-CoA ligase; VLACS; VLCS;
Description	Acyl-CoA synthetase probably involved in bile acid metabolism. Proposed to activate C27 precursors of bile acids to their CoA thioesters derivatives before side chain cleavage via peroxisomal beta-oxidation occurs. In vitro, activates 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanate (THCA), the C27 precursor of cholic acid deriving from the de novo synthesis from cholesterol. Does not utilize C24 bile acids as substrates. In vitro, also activates long- and branched-chain fatty acids and may have additional roles in fatty acid metabolism. May be involved in translocation of long-chain fatty acids (LFCA) across membranes (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	65kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.