

Immunotag™ SLC22A5 Antibody

Antibody Specification	
Catalog No.	ITA6629
Product Description	Immunotag™ SLC22A5 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	SLC22A5
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 SLC22A5
Specificity	SLC22A5 Antibody detects endogenous levels of total SLC22A5
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	SLC22A5
Accession No.	O76082
Alternate Names	CDSP; High-affinity sodium-dependent carnitine cotransporter; OCTN2; OCTN2VT; Organic cation/carnitine transporter 2; S22A5_HUMAN; Slc22a5; Solute carrier family 22 (organic cation/carnitine transporter) member 5; Solute carrier family 22 member 5;
Description	Sodium-ion dependent, high affinity carnitine transporter. Involved in the active cellular uptake of carnitine. Transports one sodium ion with one molecule of carnitine. Also transports organic cations such as tetraethylammonium (TEA) without the involvement of sodium. Also relative uptake activity ratio of carnitine to TEA is 11.3.

Antibody Specification

Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	63kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.