

Immunotag™ SMVT Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4349
Product Description	Immunotag™ SMVT Polyclonal Antibody
Size	50 µg, 100 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	SMVT
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC5A6. AA range:551-600
Specificity	SMVT Polyclonal Antibody detects endogenous levels of SMVT protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SLC5A6
Accession No.	Q9Y289 Q5U4D8
Alternate Names	SLC5A6; SMVT; Sodium-dependent multivitamin transporter; Na(+)-dependent multivitamin transporter; Solute carrier family 5 member 6
Description	function:Transports pantothenate, biotin and lipoate in the presence of sodium.,similarity:Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.,
Protein Expression	Brain,Heart,Intestine,Placenta,Testis,

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Subcellular Localization	plasma membrane,integral component of plasma membrane,vesicle membrane,membrane,integral component of membrane,brush border membrane,
Protein Function	function:Transports pantothenate, biotin and lipoate in the presence of sodium.,similarity:Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.