

Immunotag™ TAUT Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4558
Product Description	Immunotag™ TAUT 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	TAUT
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from TAUT, at AA range: 530-610
Specificity	TAUT Polyclonal Antibody detects endogenous levels of TAUT 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	SLC6A6
Accession No.	P31641 O35316 P31643
Alternate Names	SLC6A6; Sodium- and chloride-dependent taurine transporter; Solute carrier family 6 member 6
Description	solute carrier family 6 member 6(SLC6A6) Homo sapiens This gene encodes a multi-pass membrane protein that is a member of a family of sodium and chloride-ion dependent transporters. The encoded protein transports taurine and beta-alanine. There is a pseudogene for this gene on chromosome 21. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013],

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Protein Expression	Blood,Brain,Ovary,Placenta,Retinal pigment epithelium,Thyroid,
Subcellular Localization	plasma membrane,integral component of plasma membrane,integral component of membrane,
Protein Function	function:Required for the uptake of taurine.,PTM:Down-regulated upon Ser-322 phosphorylation.,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.