

Immunotag™ THIOM Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2096
Product Description	Immunotag™ THIOM 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	THIOM
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	THIOM Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	TXN2 TRX2
Accession No.	Q99757 P97493 P97615
Description	thioredoxin 2(TXN2) Homo sapiens This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. [provided by RefSeq, Jul 2008],
Protein Expression	Lens,Liver,Osteosarcoma,Pancreas,Placenta,

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Subcellular Localization	cell,nucleolus,mitochondrion,mitochondrial matrix,dendrite,neuronal cell body,
Protein Function	function:Has an anti-apoptotic function and plays an important role in the regulation of mitochondrial membrane potential. Could be involved in the resistance to anti-tumor agents. Possesses a dithiol-reducing activity.,similarity:Belongs to the thioredoxin family.,similarity:Contains 1 thioredoxin domain.,subunit:Monomer.,tissue specificity:Widely expressed in adult (at protein level) and fetal tissues.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.