TMX1 Conjugated Antibody

Catalog No: #C29996

Package Size: #C29996-AF350 100ul #C29996-AF405 100ul #C29996-AF488 100ul #C29996-AF555 100ul #C29996-AF594 100ul #C29996-AF647 100ul #C29996-AF680 100ul #C29996-AF750 100ul #C29996-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	TMX1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Hu
Immunogen Description	Recombinant fusion protein of human TMX1 (NP_110382.3).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TMX1; PDIA11; TMX; TXNDC; TXNDC1; thioredoxin-related transmembrane protein 1
Accession No.	Swiss-Prot#:Q9H3N1NCBI Gene ID:81542
Uniprot	Q9H3N1
GeneID	81542;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	Refer to figures
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and one transmembrane domain. Unlike most members of this gene family, it lacks a C-terminal ER-retention sequence. The mature membrane-bound protein can both oxidize and reduce disulfide bonds and acts selectively on membrane-associated polypeptides.

Note: This product is for in vitro research use only