

Product datasheet for **TA591035**

TXNDC5 Rabbit Monoclonal Antibody [Clone ID: OTIR4D8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIR4D8
Applications:	SISCAPA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human TXNDC5 (NP_110437). The exact sequence is proprietary.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	Lot dependent; please refer to CoA along with shipment
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47.6 kDa
Gene Name:	thioredoxin domain containing 5
Database Link:	NP_110437 Entrez Gene 105245 Mouse Entrez Gene 81567 Human Q8NBS9



[View online »](#)

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 endoplasmic reticulum (ER)-signal sequence, three catalytically active thioredoxin domains and a C-terminal ER-retention sequence. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream BLOC1S5 gene. [provided by RefSeq, Dec 2016]
Synonyms:	ENDOPDI; ERP46; HCC-2; HCC2; PDIA15; STRF8; UNQ364
Protein Families:	Druggable Genome