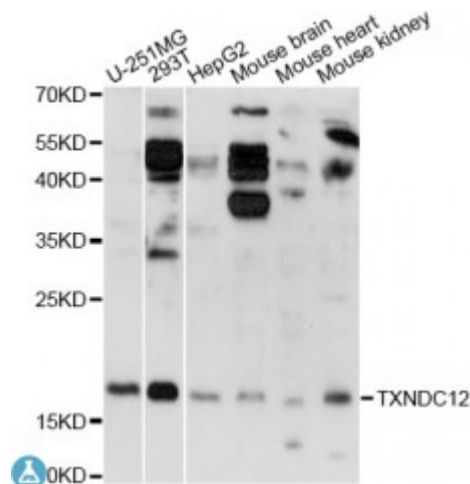


Anti-TXNDC12 Antibody



Description

This gene encodes a member of the thioredoxin superfamily. Members of this family are characterized by a conserved active motif called the thioredoxin fold that catalyzes disulfide bond formation and isomerization. This protein localizes to the endoplasmic reticulum and has a single atypical active motif. The encoded protein is mainly involved in catalyzing native disulfide bond formation and displays activity similar to protein-disulfide isomerases. This protein may play a role in defense against endoplasmic reticulum stress. Alternate splicing results in both coding and non-coding variants.

Model	STJ116614
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 93-172 of human TXNDC12 (NP_056997.1).
Gene ID	51060
Gene Symbol	TXNDC12
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Widely expressed
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Thioredoxin domain-containing protein 12

Molecular Weight	19.206 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:24626OMIM:609448
Alternative Names	Thioredoxin domain-containing protein 12
Function	Possesses significant protein thiol-disulfide oxidase activity,
Cellular Localization	Endoplasmic reticulum lumen

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com