Rabbit TXNDC12 Polyclonal Antibody | anti-TXNDC12 antibody

TXNDC12 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313502	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

TXNDC12; Polyclonal Antibody; TXNDC12 Rabbit Polyclonal Antibody; AG1; AGR1; ERP16; ERP18; ERP19; PDIA16; TLP19; hAG-1; hTLP19; anti-TXNDC12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-TXNDC12 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human TXNDC12 (NP_056997.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TXNDC12 at 1:3000 dilution.

IF (Immunofluorescence)
Immunofluorescence analysis of U-2 OS cells using TXNDC12 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

IF (Immunofluorescence)
Immunofluorescence analysis of NIH-3T3 cells using TXNDC12 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-TXNDC12 antibody	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.

Product Categories/Family for anti-TXNDC12 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705696
NCBI GeneID	51060
NCBI Accession #	NP_056997.1
NCBI GenBank Nucleotide #	NM_015913.3
UniProt Accession #	O95881; Q5T1T4; Q96H50; B3KQS0
Molecular Weight	19,206 Da
NCBI Official Full Name	thioredoxin domain-containing protein 12
NCBI Official Synonym Full Names	thioredoxin domain containing 12 (endoplasmic reticulum)
NCBI Official Symbol	TXNDC12
NCBI Official Synonym Symbols	AG1; AGR1; ERP16; ERP18; ERP19; TLP19; hAG-1; PDIA16; hTLP19
NCBI Protein Information	thioredoxin domain-containing protein 12; ER protein 18; ER protein 19; anterior gradient homolog 1; endoplasmic reticulum protein ERp19; endoplasmic reticulum resident protein 18; endoplasmic reticulum resident protein 19; endoplasmic reticulum thioredox
UniProt Protein Name	Thioredoxin domain-containing protein 12
UniProt Gene Name	**TXNDC12**
UniProt Synonym Gene Names	TLP19; ER protein 18; ERp18; ER protein 19; ERp19
UniProt Entry Name	TXD12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/txndc12-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313502