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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58726_P050-Biotin
Product Page	www.avivasysbio.com/txndc4-antibody-middle-region-biotin-arp58726-p050-biotin.html
Name	TXNDC4 Antibody - middle region : Biotin (ARP58726_P050-Biotin)
Protein Size (# AA)	406 amino acids
Molecular Weight	45kDa
Conjugation	Biotin
NCBI Gene Id	23071
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Endoplasmic reticulum protein 44
Alias Symbols	PDIA10, TXNDC4
Peptide Sequence	Synthetic peptide located within the following region: LHREFHHGPDPTDTAPGEQAQDVASSPPESSEFQKLAPSEYRYTLRDRDE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Mariappan,M., (2008) J. Biol. Chem. 283 (10), 6375-6383
Description of Target	TXNDC4 mediates thiol-dependent retention in the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif. TXNDC4 inhibits the calcium channel activity of ITPR1. TXNDC4 may have a role in the control of oxidative protein folding in the endoplasmic reticulum. TXNDC4 is required to retain ERO1L and ERO1LB in the endoplasmic reticulum.
Protein Interactions	FUS; UBC; SUMO1; NEDD8; NUDCD1; UBFD1; OSGEP; LARS; ISOC1; PLD3; PDCD10; FERMT2; YWHAZ; VCL; PFAS; PAK2; G6PD; FHL2; CNN2; TBCB; CKB; env; ELAVL1; SUMO4; RASSF5; USP32; USP46; UIMC1; ERO1LB; ERO1L; ITPR1; CD40;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ERP44 (ARP58726_P050-Biotin) antibody
Blocking Peptide	For anti-ERP44 (ARP58726_P050-Biotin) antibody is Catalog# AAP58726 (Previous Catalog# AAPP36422)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TXNDC4
Uniprot ID	Q9BS26
Protein Name	Endoplasmic reticulum resident protein 44
Protein Accession #	NP_055866
Purification	Affinity Purified
Nucleotide Accession #	NM_015051
Gene Symbol	ERP44
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 79%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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