TXND2 Polyclonal Antibody

Catalog No	BYab-06941
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	TXNDC2 SPTRX SPTRX1
Protein Name	Thioredoxin domain-containing protein 2 (Spermatid-specific thioredoxin-1) (Sptrx-1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TXND2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	60kD
Cell Pathway	Cytoplasm . In ejaculated spermatozoa, it localizes in the caudal region of the head to the end of the principal piece.
Tissue Specificity	Testis-specific. Only expressed during spermiogenesis, prominently in round and elongating spermatids.
Function	function:Probably plays a regulatory role in sperm development. May participate in regulation of fibrous sheath (FS) assembly by supporting the formation of disulfide bonds during sperm tail morphogenesis. May also be required to rectify incorrect disulfide pairing and generate suitable pairs between the FS constituents. Can reduce disulfide bonds in vitro in the presence of NADP and thioredoxin reductase.,similarity:Contains 1 thioredoxin domain.,subcellular location:In ejaculated spermatozoa, it localizes in the caudal region of the head to the end of the principal piece.,tissue specificity:Testis-specific. Only expressed during spermiogenesis, prominently in round and elongating spermatids.,

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matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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