

TXND2 rabbit pAb

Cat No.:ES11024

For research use only

Overview

Product Name	TXND2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
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, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Thioredoxin domain-containing protein 2 (Spermatid-specific thioredoxin-1) (Sptrx-1)
Gene Name	TXNDC2 SPTRX SPTRX1
Cellular localization	Cytoplasm . In ejaculated spermatozoa, it localizes in the caudal region of the head to the end of the principal piece.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	60kD
Human Gene ID	84203
Human Swiss-Prot Number	Q86VQ3
Alternative Names	
Background	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.,

