

## TXND2 Polyclonal Antibody

Cat No: HR1AP12135

For research use only

### Overview

Product Name	TXND2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	60kDa
GeneID?Human?	TXNDC2 SPTRX SPTRX1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>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.,</p>