

Goat anti-TXNDC3 Antibody

Item Number	dAP-1677
Target Molecule	Principle Name: TXNDC3; Official Symbol: TXNDC3 ; All Names and Symbols: TXNDC3 ; thioredoxin domain containing 3 (spermatozoa) ; CILD6; NME8; SPTRX2; NM23-H8; sperm-specific thioredoxin 2; thioredoxin domain containing 3; thioredoxin domain-containing 3 (spermatozoa); Accession Number (s): NP_057700.3; Human Gene ID(s): 51314; Non-Human GeneID(s):
Immunogen	TEPQTDTEPNERSE, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments in Human Testis lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antib
IHC	
Reference	Reference(s): Duriez B, Duquesnoy P, Escudier E, Bridoux AM, Escalier D, Rayet I, Marcos E, Vojtek AM, Bercher JF, Amselem S. A common variant in combination with a nonsense mutation in a member of the thioredoxin family causes primary ciliary dyskinesia. Proc Natl Acad Sci U S A. 2007 Feb 27;104(9):3336-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**