

Goat Anti-TXL2 / TXNDC6 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2124a**Specification**

Goat Anti-TXL2 / TXNDC6 Antibody - Product Information

Application	WB
Primary Accession	Q86XW9
Other Accession	NP_835231 , 347736
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	36856

Goat Anti-TXL2 / TXNDC6 Antibody - Additional Information**Gene ID** 347736**Other Names**

Thioredoxin domain-containing protein 6, Thioredoxin-like protein 2, TxI-2, NME9, TXL2, TXNDC6

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-TXL2 / TXNDC6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-TXL2 / TXNDC6 Antibody - Protein Information**Name** NME9 ([HGNC:21343](#))**Synonyms** TXL2, TXNDC6**Function**

May be a regulator of microtubule physiology.

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:A0A1L1SUL6}. Dynein axonemal particle {ECO:0000250|UniProtKB:Q6IRC5}. Note=Associated with microtubules

Detected in cilia of lung epithelium, and associated with the spermatid tail and manchette.
{ECO:0000250|UniProtKB:A0A1L1SUL6}

Tissue Location

Detected at very low levels in testis, lung and brain.

Goat Anti-TXL2 / TXNDC6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-TXL2 / TXNDC6 Antibody - Images



AF2124a (2 µg/ml) staining of Human Uterus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-TXL2 / TXNDC6 Antibody - References

Nme protein family evolutionary history, a vertebrate perspective. Desvignes T, et al. BMC Evol Biol, 2009 Oct 23. PMID 19852809.
Proteomic analysis in lung tissue of smokers and COPD patients. Lee EJ, et al. Chest, 2009 Feb. PMID 18753468.
The mammalian testis-specific thioredoxin system. Miranda-Vizuite A, et al. Antioxid Redox Signal, 2004 Feb. PMID 14713334.
Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.
Characterization of human thioredoxin-like 2. A novel microtubule-binding thioredoxin expressed predominantly in the cilia of lung airway epithelium and spermatid manchette and axoneme. Sadek CM, et al. J Biol Chem, 2003 Apr 11. PMID 12569107.