

TSNAX Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13947a**Specification**

TSNAX Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q99598
Other Accession	Q9JHB5 , Q9QZE7 , Q4R599 , NP_005990.1
Reactivity	Human
Predicted	Monkey, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33112
Antigen Region	34-62

TSNAX Antibody (N-term) - Additional Information**Gene ID** 7257**Other Names**

Translin-associated protein X, Translin-associated factor X, TSNAX, TRAX

Target/Specificity

This TSNAX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-62 amino acids from the N-terminal region of human TSNAX.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

TSNAX Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TSNAX Antibody (N-term) - Protein Information**Name** TSNAX

Synonyms TRAX

Function Acts in combination with TSN as an endonuclease involved in the activation of the RNA-induced silencing complex (RISC). Possible role in spermatogenesis.

Cellular Location

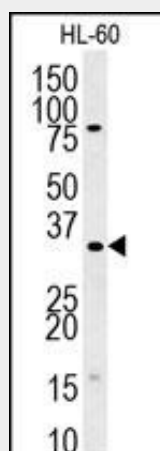
Cytoplasm, perinuclear region. Golgi apparatus. Nucleus. Note=Accumulate in the Golgi complex of mid- late pachytene spermatocytes (By similarity). Expressed in the cytoplasm in the presence of TSN.

TSNAX Antibody (N-term) - Protocols

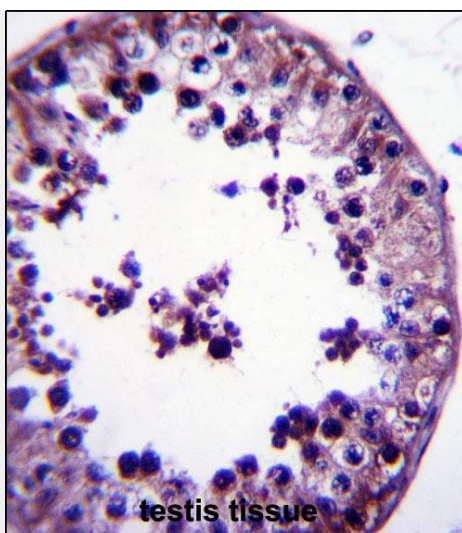
Provided below are standard protocols that you may find useful for product applications.

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

TSNAX Antibody (N-term) - Images



TSNAX Antibody (N-term) (Cat. #AP13947a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the TSNAX antibody detected the TSNAX protein (arrow).



TSNAX Antibody (N-term) (Cat. #AP13947a) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TSNAX Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

TSNAX Antibody (N-term) - Background

This gene encodes a protein which specifically interacts with translin, a DNA-binding protein that binds consensus sequences at breakpoint junctions of chromosomal translocations. The encoded protein contains bipartite nuclear targeting sequences that may provide nuclear transport for translin, which lacks any nuclear targeting motifs.

TSNAX Antibody (N-term) - References

Saus, E., et al. J Psychiatr Res 44(14):971-978(2010)
Schosser, A., et al. Mol. Psychiatry 15(8):844-849(2010)
Okuda, A., et al. Neuromolecular Med. 12(1):78-85(2010)
Nakata, K., et al. Proc. Natl. Acad. Sci. U.S.A. 106(37):15873-15878(2009)
Palo, O.M., et al. Hum. Mol. Genet. 16(20):2517-2528(2007)