

TSNAX Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13947a**Specification**

TSNAX Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q99598](#)**TSNAX Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 7257**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13947a was selected from the N-term region of TSNAX. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TSNAX Antibody (N-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TSNAX Antibody (N-term) Blocking peptide - Images

TSNAX Antibody (N-term) Blocking peptide - 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) Blocking peptide - 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)