

TSN Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12376c

Specification

TSN Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q15631](#)

TSN Antibody (Center) Blocking peptide - Additional Information

Gene ID 7247

Other Names

Translin, 31--, Component 3 of promoter of RISC, C3PO, TSN

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.

TSN Antibody (Center) Blocking peptide - Protein Information

Name TSN ([HGNC:12379](#))

Function

DNA-binding protein that specifically recognizes consensus sequences at the breakpoint junctions in chromosomal translocations, mostly involving immunoglobulin (Ig)/T-cell receptor gene segments. Seems to recognize single-stranded DNA ends generated by staggered breaks occurring at recombination hot spots.

Cellular Location

Cytoplasm. Nucleus

TSN Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TSN Antibody (Center) Blocking peptide - Images

TSN Antibody (Center) Blocking peptide - Background

This gene encodes a DNA-binding protein which specifically recognizes conserved target sequences at the breakpoint junction of chromosomal translocations. Translin polypeptides form a multimeric structure that is responsible for its DNA-binding activity. Recombination-associated motifs and translin-binding sites are present at recombination hotspots and may serve as indicators of breakpoints in genes which are fused by translocations. These binding activities may play a crucial role in chromosomal translocation in lymphoid neoplasms.

TSN Antibody (Center) Blocking peptide - References

Chiaruttini, C., et al. Proc. Natl. Acad. Sci. U.S.A. 106(38):16481-16486(2009) Lasky-Su, J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1345-1354 (2008) :Sengupta, K., et al. Biochemistry 45(3):861-870(2006) Kaluzhny, D., et al. J. Biomol. Struct. Dyn. 23(3):257-265(2005) Gupta, G.D., et al. FEBS Lett. 579(14):3141-3146(2005)