

EAN57 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16780a**Specification**

EAN57 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O43247](#)**EAN57 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 339669**Other Names**

Testis-expressed sequence 33 protein, TEX33, C22orf33, EAN57

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.

EAN57 Antibody (N-term) Blocking Peptide - Protein Information**Name** CIMIP4 ([HGNC:28568](#))**Synonyms** C22orf33, EAN57, TEX33**Function**

Seems to be associated with spermiogenesis but is not essential for sperm development and male fertility.

Cellular Location

Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9D9J2}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9D9J2}

EAN57 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EAN57 Antibody (N-term) Blocking Peptide - Images

EAN57 Antibody (N-term) Blocking Peptide - Background

EAN57 is a 59 amino acid protein encoded by the C22orf33 protein. Chromosome 22 contains over 500 genes and about 49 million bases. Being the second smallest human chromosome, 22 contains a surprising variety of interesting genes. Phelan-McDermid syndrome, Neurofibromatosis type 2 and autism are associated with chromosome 22. A schizophrenia susceptibility locus has been identified on chromosome 22 and studies show that 22q11 deletion symptoms include a high incidence of schizophrenia. Translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein, BCR-Abl, a potent cell proliferation activator found in several types of leukemia.

EAN57 Antibody (N-term) Blocking Peptide - References

Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :