

AL2SA Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10777a

Specification

AL2SA Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q53TS8](#)

AL2SA Antibody (N-term) Blocking peptide - Additional Information

Gene ID 151254

Other Names

Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 11 protein, ALS2CR11

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.

AL2SA Antibody (N-term) Blocking peptide - Protein Information

Name CATSPERT {ECO:0000303|PubMed:34998468, ECO:0000312|HGNC:HGNC:14438}

Function

Auxiliary component of the CatSper complex, a complex involved in sperm cell hyperactivation. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization. Required for CatSper complex targeting and trafficking into the quadrilinear nanodomains. Targets the preassembled CatSper complexes to elongating flagella, where it links the channel- carrying vesicles and motor proteins.

Cellular Location

Cell projection, cilium, flagellum membrane {ECO:0000250|UniProtKB:E9Q9F6}. Note=Specifically located in the principal piece of sperm tail. {ECO:0000250|UniProtKB:E9Q9F6}

Tissue Location

Expressed in testis (at protein level).

AL2SA Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

AL2SA Antibody (N-term) Blocking peptide - Images**AL2SA Antibody (N-term) Blocking peptide - References**

Hillier, L.W., et al. Nature 434(7034):724-731(2005) Jia, L., et al. Genomics 79(1):7-17(2002) Hadano, S., et al. Nat. Genet. 29(2):166-173(2001)