10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RBM22 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP14906c

Specification

RBM22 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9NW64

RBM22 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 55696

Other Names
Pre-mRNA-splicing factor RBM22, RNA-binding motif protein 22, Zinc finger CCCH domain-containing protein 16, RBM22, ZC3H16

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.

RBM22 Antibody (Center) Blocking Peptide - Protein Information

Name RBM22

Synonyms ZC3H16

Function
Required for pre-mRNA splicing as component of the activated spliceosome (PubMed:28502770, PubMed:28076346, PubMed:29361316, PubMed:29360106, PubMed:29301961, PubMed:30705154). Involved in the first step of pre-mRNA splicing. Binds directly to the internal stem- loop (ISL) domain of the U6 snRNA and to the pre-mRNA intron near the 5' splice site during the activation and catalytic phases of the spliceosome cycle. Involved in both translocations of the nuclear SLU7 to the cytoplasm and the cytosolic calcium-binding protein PDCD6 to the nucleus upon cellular stress responses.

Cellular Location
Nucleus. Cytoplasm Note=Nearly exclusively nuclear. Translocated from the nucleus to the

cytoplasm after heat shock cell treatment. May be shuttling between the nucleus and the cytosol.

RBM22 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

RBM22 Antibody (Center) Blocking Peptide - Images

RBM22 Antibody (Center) Blocking Peptide - Background

This gene encodes an RNA binding protein. The encodedprotein may play a role in cell division and may be involved inpre-mRNA splicing. Related pseudogenes exist on chromosomes 6, 7,9, 13, 16, 18, and X.

RBM22 Antibody (Center) Blocking Peptide - References

Krebs, J. Biochim. Biophys. Acta 1793(6):979-984(2009)Satoh, J., et al. Neuropathol. Appl. Neurobiol. 35(1):16-35(2009)He, F., et al. Genet. Mol. Res. 8(4):1466-1473(2009)Montaville, P., et al. Biochim. Biophys. Acta 1763(11):1335-1343(2006)Kittler, R., et al. Nature 432(7020):1036-1040(2004)