

CWC22 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10788a**Specification**

CWC22 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9HCG8](#)**CWC22 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 57703

Other Names

Pre-mRNA-splicing factor CWC22 homolog, Nucleopholin homolog, fSAPb, CWC22, KIAA1604, NCM

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.

CWC22 Antibody (N-term) Blocking peptide - Protein Information

Name CWC22

Synonyms KIAA1604, NCM

Function

Required for pre-mRNA splicing as component of the spliceosome (PubMed:12226669, PubMed:11991638, PubMed:22961380, PubMed:28502770, PubMed:28076346, PubMed:29360106, PubMed:29301961). As a component of the minor spliceosome, involved in the splicing of U12- type introns in pre-mRNAs (Probable). Promotes exon-junction complex (EJC) assembly (PubMed:22959432, PubMed:22961380). Hinders EIF4A3 from non-specifically binding RNA and escorts it to the splicing machinery to promote EJC assembly on mature mRNAs. Through its role in EJC assembly, required for nonsense-mediated mRNA decay.

Cellular Location

Nucleus. Nucleus speckle. Note=Concentrates around speckles, which are sites of pre-mRNA synthesis and processing, where it colocalizes with EJC core proteins.

CWC22 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CWC22 Antibody (N-term) Blocking peptide - Images**CWC22 Antibody (N-term) Blocking peptide - Background**

May be involved in pre-mRNA splicing.

CWC22 Antibody (N-term) Blocking peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Olsen, J.V., et al. Cell 127(3):635-648(2006)Lehner, B., et al. Genome Res. 14(7):1315-1323(2004)Jurica, M.S., et al. RNA 8(4):426-439(2002)Kelly, W.G., et al. Genetics 146(1):227-238(1997)