

CRNKL1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP4797c**Specification**

CRNKL1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9BZJ0](#)**CRNKL1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 51340**Other Names**

Crooked neck-like protein 1, Crooked neck homolog, hCrn, CRNKL1, CRN

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.

CRNKL1 Antibody (Center) Blocking Peptide - Protein Information**Name** CRNKL1**Synonyms** CRN**Function**

Involved in pre-mRNA splicing process (PubMed:11991638, PubMed:12084575, PubMed:28076346, PubMed:28502770). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable).

Cellular Location

Nucleus. Nucleus speckle. Note=Colocalizes with core spliceosomal snRNP proteins (PubMed:12084575).

Tissue Location

Widely expressed (PubMed:11342225). Highly expressed in testis (PubMed:12084575). Not detected in brain and lung (PubMed:12084575).

CRNKL1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CRNKL1 Antibody (Center) Blocking Peptide - Images

CRNKL1 Antibody (Center) Blocking Peptide - Background

CRNKL1 is essential for embryogenesis and is thought to be involved in cell cycle progression and pre-mRNA splicing. This gene is similar in sequence to crn and encodes a protein which can localize to pre-mRNA splicing complexes in the nucleus. The encoded protein, which contains many tetratricopeptide repeats, is required for pre-mRNA splicing.

CRNKL1 Antibody (Center) Blocking Peptide - References

Rame, J.E., et al. Hypertension 49(4):857-864(2007) Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) Chung, S., et al. Biochim. Biophys. Acta 1576(3):287-297(2002) Jurica, M.S., et al. RNA 8(4):426-439(2002)