

C22orf28 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12830c**Specification**

C22orf28 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O9Y3I0](#)
Other Accession [NP_055121.1](#)

C22orf28 Antibody (Center) Blocking peptide - Additional Information

Gene ID 51493

Other Names

tRNA-splicing ligase RtcB homolog {ECO:0000255|HAMAP-Rule:MF_03144}, 6513
{ECO:0000255|HAMAP-Rule:MF_03144}, RTCB {ECO:0000255|HAMAP-Rule:MF_03144}, C22orf28

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.

C22orf28 Antibody (Center) Blocking peptide - Protein Information

Name RTCB {ECO:0000255|HAMAP-Rule:MF_03144}

Synonyms C22orf28

Function

Catalytic subunit of the tRNA-splicing ligase complex that acts by directly joining spliced tRNA halves to mature-sized tRNAs by incorporating the precursor-derived splice junction phosphate into the mature tRNA as a canonical 3',5'-phosphodiester. May act as an RNA ligase with broad substrate specificity, and may function toward other RNAs.

Cellular Location

Nucleus. Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03144, ECO:0000269|PubMed:24608264}
Note=Enters into the nucleus in case of active transcription while it accumulates in cytosol when transcription level is low

C22orf28 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C22orf28 Antibody (Center) Blocking peptide - Images

C22orf28 Antibody (Center) Blocking peptide - References

Guo, D., et al. Biochem. Biophys. Res. Commun. 337(4):1308-1318(2005)de Hoog, C.L., et al. Cell 117(5):649-662(2004)Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :Collins, J.E., et al. Genome Res. 13(1):27-36(2003)Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)