

CUTC Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16821c

Specification

CUTC Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9NTM9](#)

CUTC Antibody (Center) Blocking Peptide - Additional Information

Gene ID 51076

Other Names

Copper homeostasis protein cutC homolog, CUTC

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.

CUTC Antibody (Center) Blocking Peptide - Protein Information

Name CUTC

Function

May play a role in copper homeostasis. Can bind one Cu(1+) per subunit.

Cellular Location

Cytoplasm. Nucleus. Note=The overexpressed protein is detected in the cytoplasm, and depending on the cell line, also in the nucleus

Tissue Location

Ubiquitous..

CUTC Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CUTC Antibody (Center) Blocking Peptide - Images

CUTC Antibody (Center) Blocking Peptide - Background

Members of the CUT family of copper transporters are associated with copper homeostasis and are involved in the uptake, storage, delivery, and efflux of copper (Gupta et al., 1995 [PubMed 7635807]; Li et al., 2005 [PubMed 16182249]).

CUTC Antibody (Center) Blocking Peptide - References

Li, Y., et al. J. Struct. Biol. 169(3):399-405(2010) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005) Li, J., et al. Biochem. Biophys. Res. Commun. 337(1):179-183(2005) Andersen, J.S., et al. Nature 433(7021):77-83(2005) Gupta, S.D., et al. J. Bacteriol. 177(15):4207-4215(1995)