

C1orf71 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13000b**Specification**

C1orf71 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q6PJW8](#)**C1orf71 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 163882**Other Names**

Consortin, CNST, C1orf71

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.

C1orf71 Antibody (C-term) Blocking peptide - Protein Information**Name** CNST**Synonyms** C1orf71**Function**

Required for targeting of connexins to the plasma membrane.

Cellular Location

Cell membrane; Single-pass membrane protein. Golgi apparatus, trans-Golgi network membrane; Single-pass membrane protein. Cytoplasmic vesicle, secretory vesicle. Note=Located predominantly in the trans-Golgi network. Probably trafficks between the trans-Golgi network and the cell membrane via the secretory pathway

C1orf71 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C1orf71 Antibody (C-term) Blocking peptide - Images

C1orf71 Antibody (C-term) Blocking peptide - Background

Targeting of numerous transmembrane proteins to the cell surface is thought to depend on their recognition by cargo receptors that interact with the adaptor machinery for anterograde traffic at the distal end of the Golgi complex. Consortin (CNST) is an integral membrane protein that acts as a binding partner of connexins, the building blocks of gap junctions, and acts as a trans-Golgi network (TGN) receptor involved in connexin targeting to the plasma membrane and recycling from the cell surface (del Castillo et al., 2010 [PubMed 19864490]).

C1orf71 Antibody (C-term) Blocking peptide - References

del Castillo, F.J., et al. Hum. Mol. Genet. 19(2):262-275(2010) Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)