

TSSC1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16907b**Specification**

TSSC1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q53HC9](#)**TSSC1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 7260**Other Names**

Protein TSSC1, Tumor-suppressing STF cDNA 1 protein, Tumor-suppressing subchromosomal transferable fragment candidate gene 1 protein, TSSC1

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.

TSSC1 Antibody (C-term) Blocking Peptide - Protein Information**Name** EIPR1 ([HGNC:12383](#))**Function**

Acts as a component of endosomal retrieval machinery that is involved in protein transport from early endosomes to either recycling endosomes or the trans-Golgi network (PubMed:27440922). Mediates the recruitment of Golgi-associated retrograde protein (GARP) complex to the trans-Golgi network and controls early endosome-to-Golgi transport of internalized protein(PubMed:27440922). Promotes the recycling of internalized transferrin receptor (TFRC) to the plasma membrane through interaction with endosome-associated recycling protein (EARP) complex (PubMed:27440922). Controls proper insulin distribution and secretion, and retention of cargo in mature dense core vesicles (By similarity). Required for the stability of the endosome-associated retrograde protein (EARP) complex subunits and for proper localization and association of EARP with membranes (By similarity).

Cellular Location

Golgi apparatus, trans-Golgi network

TSSC1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TSSC1 Antibody (C-term) Blocking Peptide - Images

TSSC1 Antibody (C-term) Blocking Peptide - Background

This gene has been reported in PMID 9403053 as one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alignment of this gene to genomic sequence data suggests that this gene resides on chromosome 2 rather than chromosome 11. [provided by RefSeq].

TSSC1 Antibody (C-term) Blocking Peptide - References

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Hillier, L.W., et al. Nature 434(7034):724-731(2005) Scelfo, R., et al. Cytogenet. Cell Genet. 83 (1-2), 52-53 (1998) : Hu, R.J., et al. Genomics 46(1):9-17(1997)