

**TJAP1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10762a****Specification**

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**TJAP1 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q5JTD0](#)**TJAP1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 93643**Other Names**

Tight junction-associated protein 1, Protein incorporated later into tight junctions, Tight junction protein 4, TJAP1, PILT, TJP4

**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.

**TJAP1 Antibody (N-term) Blocking peptide - Protein Information****Name** TJAP1 ([HGNC:17949](#))**Function**

Plays a role in regulating the structure of the Golgi apparatus.

**Cellular Location**

Golgi apparatus, trans-Golgi network {ECO:0000250|UniProtKB:Q9DCD5}. Cell junction, tight junction {ECO:0000250|UniProtKB:Q9DCD5}. Cell membrane {ECO:0000250|UniProtKB:Q9DCD5}; Peripheral membrane protein. Note=Recruited to tight junctions (TJ) during late stages of maturation of the TJ complexes. Excluded from adherens junctions and desmosomes. {ECO:0000250|UniProtKB:Q9DCD5}

**Tissue Location**

Ubiquitously expressed.

**TJAP1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **TJAP1 Antibody (N-term) Blocking peptide - Images**

#### **TJAP1 Antibody (N-term) Blocking peptide - Background**

This gene encodes a tight junction-associated protein. Incorporation of the encoded protein into tight junctions occurs at a late stage of formation of the junctions. The encoded protein localizes to the Golgi and may function in vesicle trafficking. Alternatively spliced transcript variants have been described. A related pseudogene exists on the X chromosome. [provided by RefSeq].

#### **TJAP1 Antibody (N-term) Blocking peptide - References**

Kimura, K., et al. Genome Res. 16(1):55-65(2006) Kawabe, H., et al. J. Biol. Chem. 276(51):48350-48355(2001)