

**YIPF5 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9554b****Specification**

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**YIPF5 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q969M3](#)**YIPF5 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 81555**Other Names**

Protein YIPF5, Five-pass transmembrane protein localizing in the Golgi apparatus and the endoplasmic reticulum 5, Smooth muscle cell-associated protein 5, SMAP-5, YIP1 family member 5, YPT-interacting protein 1 A, YIPF5, FINGER5, YIP1A

**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.

**YIPF5 Antibody (N-term) Blocking Peptide - Protein Information****Name** YIPF5 ([HGNC:24877](#))**Synonyms** FINGER5, YIP1A**Function**

Plays a role in transport between endoplasmic reticulum and Golgi. In pancreatic beta cells, required to transport proinsulin from endoplasmic reticulum into the Golgi (PubMed:<a href="http://www.uniprot.org/citations/33164986" target="\_blank">33164986</a>).

**Cellular Location**

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9EQQ2}; Multi-pass membrane protein. Golgi apparatus, cis-Golgi network membrane; Multi-pass membrane protein. Cytoplasmic vesicle, COPII-coated vesicle {ECO:0000250|UniProtKB:Q5XID0}. Note=Enriched at the endoplasmic reticulum exit sites (By similarity). Incorporated into COPII-coated vesicles (By similarity). {ECO:0000250|UniProtKB:Q5XID0, ECO:0000250|UniProtKB:Q9EQQ2}

**Tissue Location**

Ubiquitously expressed with abundant expression in pancreatic tissue, islets, beta cells, and brain. Highly expressed in coronary smooth muscles.

**YIPF5 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**YIPF5 Antibody (N-term) Blocking Peptide - Images****YIPF5 Antibody (N-term) Blocking Peptide - Background**

Plays a role in transport between endoplasmic reticulum and Golgi.

**YIPF5 Antibody (N-term) Blocking Peptide - References**

??oskinen, L.L., et al. Tissue Antigens 74(5):408-416(2009)??ano, F., et al. J. Cell. Sci. 122 (PT 13), 2218-2227 (2009) :??oshida, Y., et al. Exp. Cell Res. 314(19):3427-3443(2008)??in, C., et al. Biochem. Biophys. Res. Commun. 334(1):16-22(2005)??tolle, K., et al. Gene 351, 119-130 (2005) :