

**YIPF5 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9554b**

### Specification

#### YIPF5 Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	<a href="#">Q969M3</a>
Other Accession	<a href="#">Q4R5M4</a>
Reactivity	Human, Mouse
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27989
Antigen Region	21-49

#### YIPF5 Antibody (N-term) - 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

##### Target/Specificity

This YIPF5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-49 amino acids from the N-terminal region of human YIPF5.

##### Dilution

IHC-P~1:50~100

WB~1:1000

E~~Use at an assay dependent concentration.

##### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

##### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

##### Precautions

YIPF5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### YIPF5 Antibody (N-term) - 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:[33164986](#)).

#### **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**

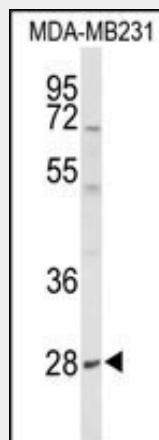
Ubiquitously expressed with abundant expression in pancreatic tissue, islets, beta cells, and brain. Highly expressed in coronary smooth muscles.

#### **YIPF5 Antibody (N-term) - Protocols**

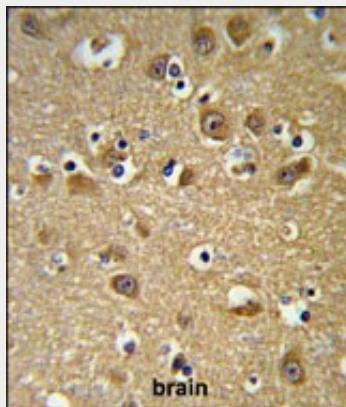
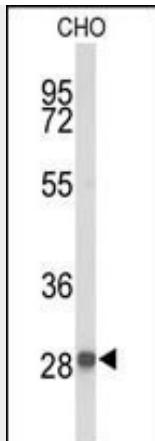
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **YIPF5 Antibody (N-term) - Images**



Western blot analysis of YIPF5 Antibody (N-term) (Cat. #AP9554b) in MDA-MB231 cell line lysates (35ug/lane). YIPF5 (arrow) was detected using the purified Pab;



#### **YIPF5 Antibody (N-term) - Background**

Plays a role in transport between endoplasmic reticulum and Golgi.

#### **YIPF5 Antibody (N-term) - References**

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