10320 Camino Santa Fe, Suite G
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YIPF5 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9554b

Specification

YIPF5 Antibody (N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q969M3
Other Accession	Q4R5M4
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
WB~~1:1000
IHC-P~~1:50~100

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

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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}

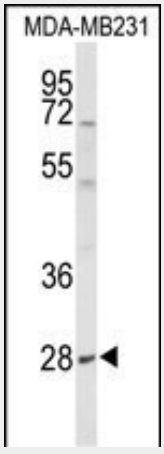
Tissue Location
Ubiquitously expressed with abundant expression in pancreatic tissue, islets, beta cells, and brain. Highly expressed in coronary smooth muscles.

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 Cytomety
- 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;

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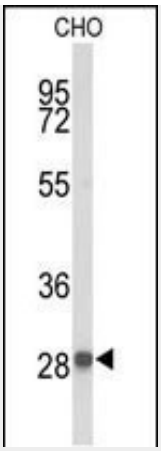
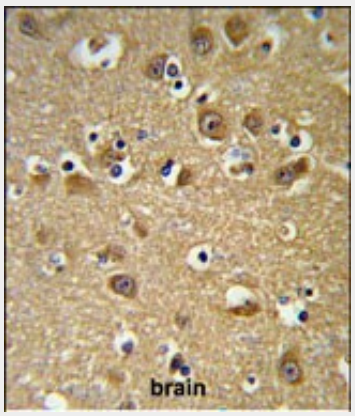


Western blot analysis of YIPF5 Antibody (N-term) (Cat. #AP9554b) in CHO cell line lysates (35ug/lane). YIPF5 (arrow) was detected using the purified Pab.



YIPF5 Antibody (N-term) (Cat. #AP9554b) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the YIPF5 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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) :