

ARFIP1 Antibody (aa271-320)
Rabbit Polyclonal Antibody
Catalog # ALS16643**Specification**

ARFIP1 Antibody (aa271-320) - Product Information

Application	IHC, IF, WB
Primary Accession	P53367
Other Accession	27236
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	41738

ARFIP1 Antibody (aa271-320) - Additional Information**Gene ID** 27236**Other Names**

ARFIP1, Arfaptin-1, Arfaptin 1, HSU52521

Target/Specificity

ARFIP1 Antibody detects endogenous levels of total ARFIP1 protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

ARFIP1 Antibody (aa271-320) is for research use only and not for use in diagnostic or therapeutic procedures.

ARFIP1 Antibody (aa271-320) - Protein Information**Name** ARFIP1 {ECO:0000303|PubMed:22981988, ECO:0000312|HGNC:HGNC:21496}**Function**

Plays a role in controlling biogenesis of secretory granules at the trans-Golgi network (PubMed:22981988).

Mechanistically, binds ARF-GTP at the neck of a growing secretory granule precursor and forms a protective scaffold (PubMed:9038142, PubMed:22981988). Once the granule precursor has been completely loaded, active PRKD1 phosphorylates ARFIP1 and releases it from ARFs (PubMed:22981988). In turn, ARFs induce fission (PubMed:22981988). Through this mechanism, ensures proper secretory granule

formation at the Golgi of pancreatic beta cells (PubMed:22981988).

Cellular Location

Golgi apparatus. Golgi apparatus, trans-Golgi network membrane

Tissue Location

Ubiquitously expressed (PubMed:9038142). Higher levels in liver, pancreas, placenta, skeletal muscle and heart (PubMed:9038142).

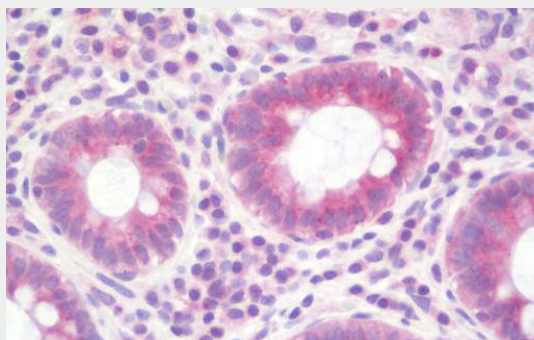
Volume

50 µl

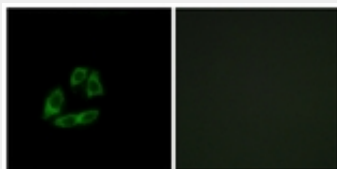
ARFIP1 Antibody (aa271-320) - Protocols

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

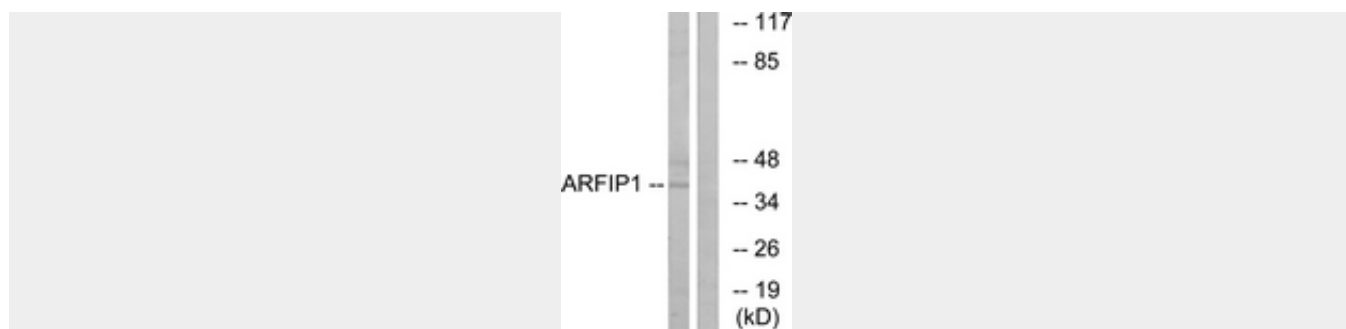
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ARFIP1 Antibody (aa271-320) - Images

Anti-ARFIP1 antibody IHC staining of human colon.



Immunofluorescence of A549 cells, using ARFIP1 Antibody.



Western blot of extracts from Jurkat cells, using ARFIP1 Antibody.

ARFIP1 Antibody (aa271-320) - Background

Putative target protein of ADP-ribosylation factor.

ARFIP1 Antibody (aa271-320) - References

- Kanoh H.,et al.J. Biol. Chem. 272:5421-5429(1997).
Premont R.T.,et al.Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.