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ARFIP2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10464

Specification

ARFIP2 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	P53365
Other Accession	NM_012402, NP_036534
Reactivity	**Human, Mouse, Rat, Pig, Sheep, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Pig, Sheep, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38kDa KDa**

ARFIP2 antibody - N-terminal region - Additional Information

Gene ID 23647

Alias Symbol	**POR1**

Other Names
Arfaptin-2, ADP-ribosylation factor-interacting protein 2, Partner of RAC1, Protein POR1, ARFIP2, POR1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-ARFIP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
ARFIP2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ARFIP2 antibody - N-terminal region - Protein Information

Name ARFIP2 {ECO:0000303|PubMed:30917996, ECO:0000312|HGNC:HGNC:17160}

Function
Plays a role in constitutive metalloproteinase (MMP) secretion from the trans Golgi network (PubMed:26507660). May have important functions during vesicle biogenesis at certain cargo subdomains, which could be predominantly utilized by secreted MMPs, such as MMP7 and MMP2 (PubMed:26507660). Also involved in autophagy by regulating the starvation-dependent trafficking of ATG9A vesicles which deliver the phosphatidylinositol 4-kinase beta (PI4KB) to the autophagosome initiation site (PubMed:<a

href="http://www.uniprot.org/citations/30917996" target="_blank">30917996, PubMed:31204568). Involved in phagophore growth during mitophagy by regulating ATG9A trafficking to mitochondria (PubMed:33773106). In addition, plays a role in NF-kappa-B inhibition by interacting with IKBKB and IKBKG (PubMed:26296658).

Cellular Location
Golgi apparatus. Golgi apparatus, trans-Golgi network membrane

ARFIP2 antibody - N-terminal region - 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