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# ARFIP2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10464

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | P53365 |
| **Other Accession** | NM_012402, NP_036534 |
| **Reactivity** | Human, Mouse, Rat, Pig, Dog, Bovine |
| **Predicted** | Human, Mouse, Pig, Dog |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 37856 |

## Additional Information

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|---|---|
| **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. |

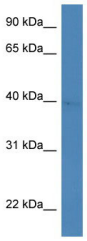
## Protein Information

| | |
|---|---|
| **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: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

## Images




WB Suggested Anti-ARFIP2 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:625
Positive Control: HepG2 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.