

ARFIP2 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10464

Product Information

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

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

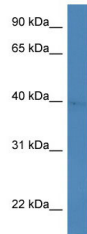
Name	ARFIP2 {ECO:0000303 PubMed:30917996, ECO:0000312 HGNC:HGNC:17160}
Function	Plays a role in constitutive metalloproteinase (MMP) secretion from the trans Golgi network (PubMed: 26507660). May have important functions during vesicle biogenesis at certain cargo subdomains, which could be predominantly 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'.