

Anti-ARFRP1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

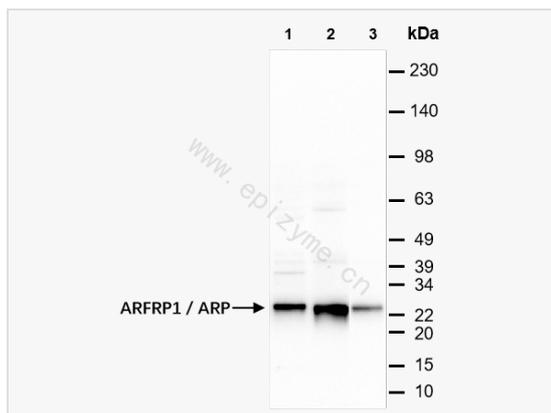
Catalog # R014254

Product Information

Application	ELISA, WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	99C18B94
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ARFRP1 / ARP
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ARFRP1 Rabbit mAb [99C18B94] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ADP ribosylation factor related protein 1, ADP-ribosylation factor-related protein 1, ARF related protein 1, ARF related protein, ARF-related protein 1, ARFRP_HUMAN, ARFRP1, ARL 18, ARL18, ARP 1, ARP, ARP1, Helicase like protein NHL, MGC6837, SCG10 like protein.
Calculated MW	Calculated MW: 23 kDa; Observed MW: 23 kDa
Uniprot ID	Q13795
Gene ID	10139
Background	Possibly involved in plasma membrane-related signaling events.
Cellular Location	Golgi apparatus.
Tissue Location	Found in most tissues.



Western Blot - Anti-ARFRP1 Rabbit mAb [99C18B94]

All lanes: R014254 at 1:1,000 dilution

Lane 1: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 2: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 3: Rat heart whole tissue lysates

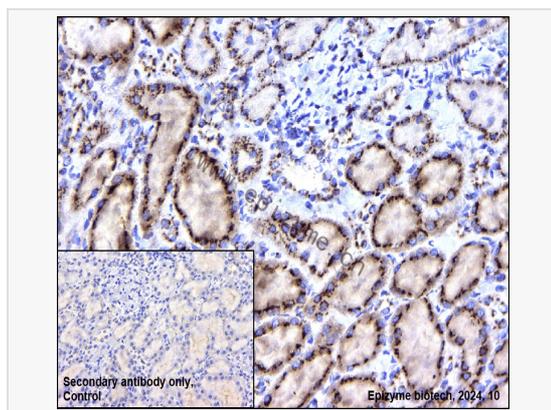
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 23 kDa

Observed band size: 23 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-ARFRP1 Rabbit mAb [99C18B94]

Sample: Paraformaldehyde-fixed, paraffin embedded rat kidney tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014254 at 1:200 dilution

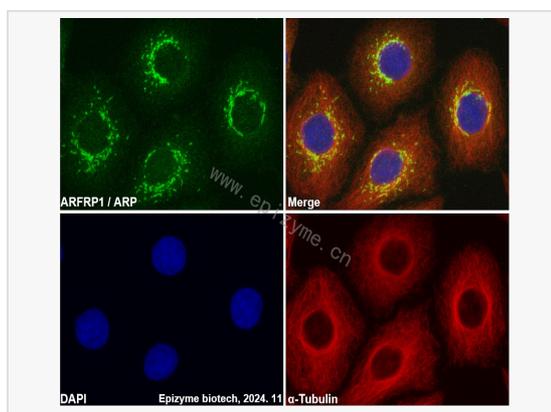
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-ARFRP1 Rabbit mAb [99C18B94]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R014254 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).