For research purposes only, not for human use

Product Data Sheet

Anti-ARL8B Antibody

Catalog #	Source	Reactivity	Applications
CQA3847	Rabbit	H, M	WB, IF/IC

Description	Rabbit polyclonal antibody to ARL8B
Immunogen	Recombinant fusion protein of human ARL8B. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of ARL8B protein
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)
Gene Symbol	ARL8B
Alternative Names	ARL10C; GIE1; ADP-ribosylation factor-like protein 8B; ADP-ribosylation factor-like protein 10C; Novel small G protein indispensable for equal chromosome segregation 1
Entrez Gene	55207 (Human); 67166 (Mouse)
SwissProt	Q9NVJ2 (Human); Q9CQW2 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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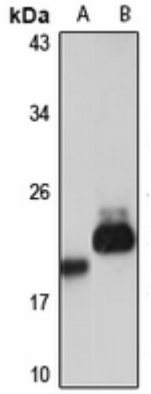
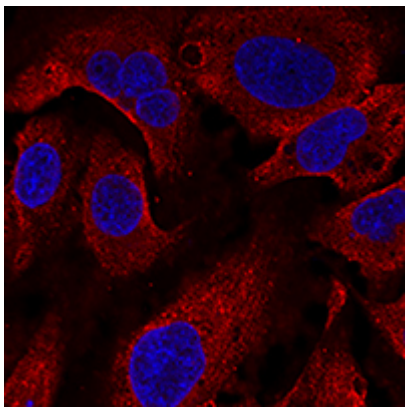


Western blot analysis of ARL8B expression in U87MG (A), mouse brain (B) whole cell lysates. (Predicted band size: 18; 21 kD; Observed band size: 21 kD)



Immunofluorescent analysis of ARL8B staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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