For research purposes only, not for human use

Product Data Sheet

Anti-ARL13B Antibody

Catalog #	Source	Reactivity	Applications
CQA3842	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to ARL13B
Immunogen	Recombinant fusion protein of human ARL13B. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of ARL13B 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	ARL13B
Alternative Names	ARL2L1; ADP-ribosylation factor-like protein 13B; ADP-ribosylation factor-like protein 2-like 1; ARL2-like protein 1
Entrez Gene	200894 (Human); 68146 (Mouse)
SwissProt	Q3SXY8 (Human); Q640N2 (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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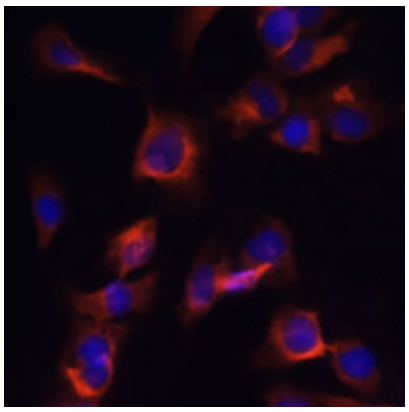
Western blot analysis of ARL13B expression in SKOV3 (A) whole cell lysates. (Predicted band size: 36; 37; 48 kD; Observed band size: 49 kD)



Immunofluorescent analysis of ARL13B staining in C6 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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