For research purposes only, not for human use

Product Data Sheet

Anti-RNH1 Antibody

Catalog #	Source	Reactivity	Applications
CQA2969	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to RNH1
Immunogen	Recombinant full length protein of human RNH1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of RNH1 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	RNH1
Alternative Names	PRI; RNH; Ribonuclease inhibitor; Placental ribonuclease inhibitor; Placental RNase inhibitor; Ribonuclease/angiogenin inhibitor 1; RAI
Entrez Gene	6050 (Human); 107702 (Mouse); 100360501 (Rat)
SwissProt	P13489 (Human); Q91VI7 (Mouse); P29315 (Rat)
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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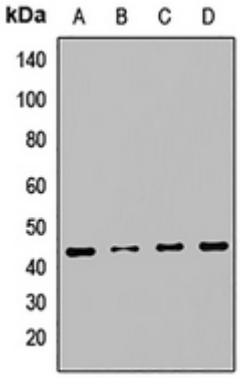
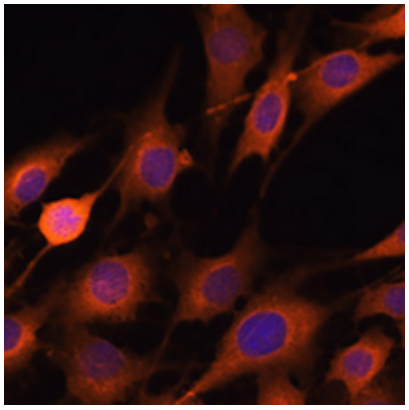


Western blot analysis of RNH1 expression in HT29 (A), Hela (B), mouse liver (C), rat brain (D) whole cell lysates. (Predicted band size: 49 kD; Observed band size: 43 kD)



Immunofluorescent analysis of RNH1 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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