

Anti-ARHGAP20 Antibody

Catalog # AP53801

Product Information

Application	WB, IF/IC
Primary Accession	Q9P2F6
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	132608

Additional Information

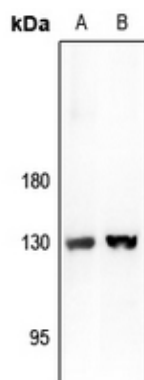
Gene ID	57569
Other Names	KIAA1391; Rho GTPase-activating protein 20; Rho-type GTPase-activating protein 20
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ARHGAP20. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

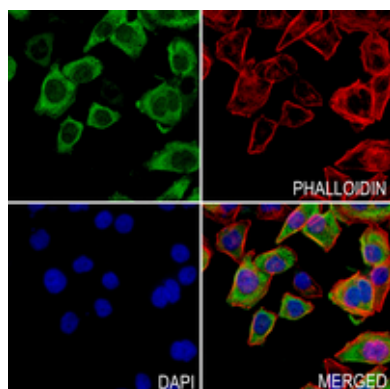
Name	ARHGAP20
Synonyms	KIAA1391
Function	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.
Tissue Location	Expressed predominantly in the brain. Lower expression is found in lymph nodes.

Images

Western blot analysis of ARHGAP20 expression in C6 (A), Hela (B) whole cell lysates. (Predicted band size: 132 kD;



Observed band size: 130 kD)



Immunofluorescent analysis of ARHGAP20 staining in MCF7 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.