

Anti-ARHGEF10 Antibody

Catalog # AP59781

Product Information

Application	WB, IHC, IF/IC
Primary Accession	O15013
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	151612

Additional Information

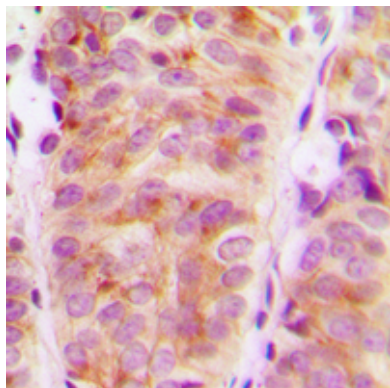
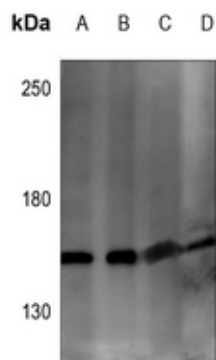
Gene ID	9639
Other Names	KIAA0294; Rho guanine nucleotide exchange factor 10
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ARHGEF10. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) 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

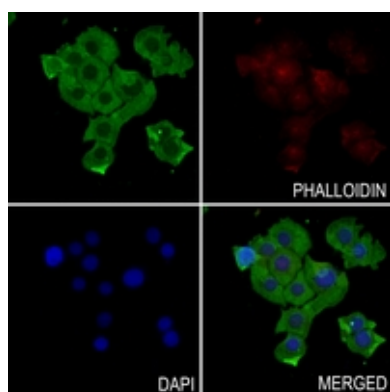
Name	ARHGEF10
Synonyms	KIAA0294
Function	May play a role in developmental myelination of peripheral nerves.

Images

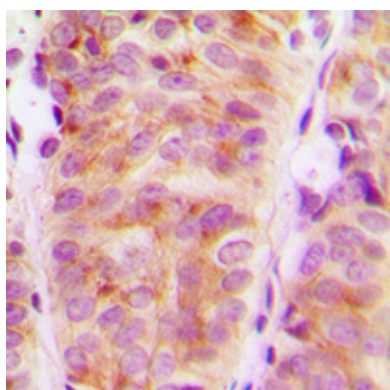
Western blot analysis of ARHGEF10 expression in HEK293T (A), PC3 (B), Panc1 (C), CT26 (D) whole cell lysates. (Predicted band size: 151 kD; Observed band size: 152 kD)



Immunohistochemical analysis of ARHGEF10 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of ARHGEF10 staining in Hela 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).



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