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Product Data Sheet

Anti-ARHGAP22 Antibody

Catalog #	Source	Reactivity	Applications
CPA2742	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to ARHGAP22
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ARHGAP22. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of ARHGAP22 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 - 1/1000), IH (1/100 - 1/200)
Gene Symbol	ARHGAP22
Alternative Names	RHOGAP2; Rho GTPase-activating protein 22; Rho-type GTPase-activating protein 22
Entrez Gene	58504 (Human); 239027 (Mouse)
SwissProt	Q7Z5H3 (Human); Q8BL80 (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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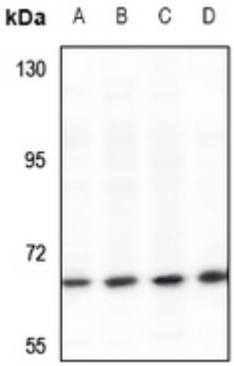
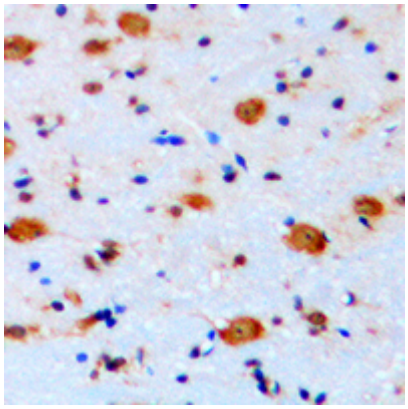


Western blot analysis of ARHGAP22 expression in SP20 (A), PC12 (B), HEK293T (C), Hela (D) whole cell lysates. (Predicted band size: 76 kD; Observed band size: 68 kD)



Immunohistochemical analysis of ARHGAP22 staining in human brain 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.

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