

Product Data Sheet

Anti-ARHGAP23 Antibody

Catalog #	Source	Reactivity	Applications
CPA7226	Rabbit	H, M	WB, IH
Description	Rabbit polyclonal antibody to ARHGAP23		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ARHGAP23. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ARHGAP23 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	ARHGAP23		
Alternative Names	KIAA1501; Rho GTPase-activating protein 23; Rho-type GTPase-activating protein 23		
Entrez Gene	57636 (Human); 58996 (Mouse)		
SwissProt	Q9P227 (Human); Q69ZH9 (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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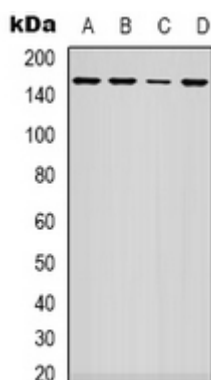
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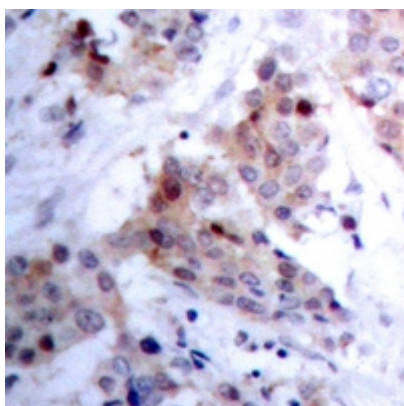
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Western blot analysis of ARHGAP23 expression in A549 (A), NIH3T3 (B), HEK293T (C), mouse heart (D) whole cell lysates. (Predicted band size: 162 kD; Observed band size: 170 kD)



Immunohistochemical analysis of ARHGAP23 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.

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