

Product Data Sheet

Anti-Rhotekin Antibody

Catalog #	Source	Reactivity	Applications
CPA4222	Rabbit	H, M, R, B	WB, IH
Description	Rabbit polyclonal antibody to Rhotekin		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Rhotekin. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Rhotekin protein.		
Clonality	Polyclonal		
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	RTKN		
Alternative Names	RTKN1; Rhotekin		
Entrez Gene	6242 (Human); 20166 (Mouse); 297383 (Rat)		
SwissProt	Q9BST9 (Human); Q8C6B2 (Mouse); Q6V7V2 (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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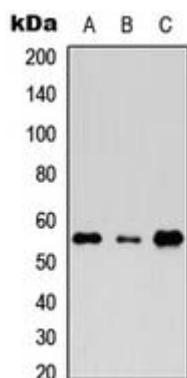
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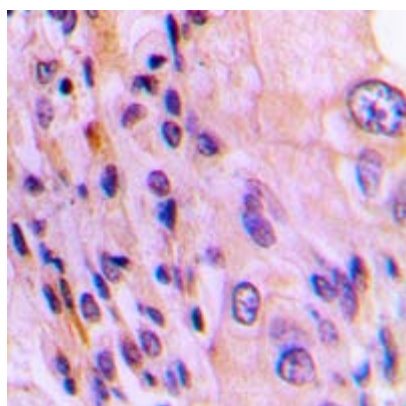
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Western blot analysis of Rhotekin expression in HeLa (A), Raw264.7 (B), PC12 (C) whole cell lysates.



Immunohistochemical analysis of Rhotekin staining in human lung 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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