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Product Data Sheet

Anti-PRAK (Phospho-S93) Antibody

Catalog #	Source	Reactivity	Applications
CQA9810	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to PRAK (Phospho-S93)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S93 of human PRAK protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of PRAK protein only when phosphorylated at S93.
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 (1/50 - 1/200)
Gene Symbol	MAPKAPK5
Alternative Names	PRAK; MAP kinase-activated protein kinase 5; MAPK-activated protein kinase 5; MAPKAP kinase 5; MAPKAP-K5; MAPKAPK-5; MK-5; MK5; p38-regulated/activated protein kinase; PRAK
Entrez Gene	8550 (Human); 17165 (Mouse)
SwissProt	Q8IW41 (Human); O54992 (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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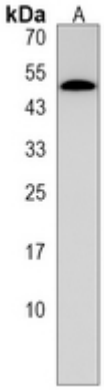
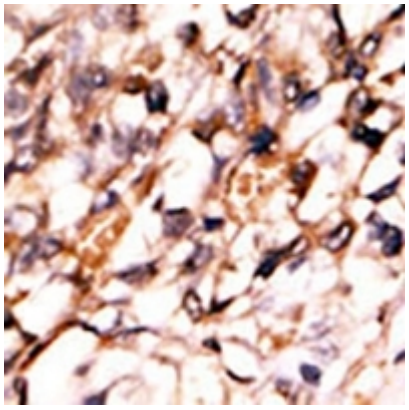


Western blot analysis of PRAK (Phospho-S93) expression in mouse heart (A) whole cell lysates. (Predicted band size: 54 kD; Observed band size: 50 kD)



Immunohistochemical analysis of PRAK (Phospho-S93) staining in human hepatocarcinoma 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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