

PAK2 (Phospho Ser20) rabbit pAb

Catalog No :	YP1432
Reactivity :	Human;Mouse
Applications :	WB
Target :	PAK2
Fields :	>>MAPK signaling pathway;>>ErbB signaling pathway;>>Ras signaling pathway;>>cAMP signaling pathway;>>Chemokine signaling pathway;>>Axon guidance;>>Hippo signaling pathway - multiple species;>>Focal adhesion;>>C-type lectin receptor signaling pathway;>>Natural killer cell mediated cytotoxicity;>>T cell receptor signaling pathway;>>Fc gamma R-mediated phagocytosis;>>Regulation of actin cytoskeleton;>>Epithelial cell signaling in Helicobacter pylori infection;>>Pathogenic Escherichia coli infection;>>Salmonella infection;>>Human immunodeficiency virus 1 infection;>>Proteoglycans in cancer;>>Renal cell carcinoma
Protein Name :	PAK2 (Ser19)
Human Swiss Prot No :	Q13177
Immunogen :	Synthesized phosho peptide around human PAK2 (Ser20)
Specificity :	This antibody detects endogenous levels of Human Mouse PAK2 (phospho-Ser20)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 60kD

**Subcellular
Location :**

Cytoplasm . Cell junction, focal adhesion . Cell projection, lamellipodium . Cell membrane . Cell projection, ruffle membrane . Cell projection, invadopodium . Nucleus, nucleoplasm . Chromosome . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Colocalizes with RUFY3, F-actin and other core migration components in invadopodia at the cell periphery (PubMed:25766321). Recruited to the cell membrane by interaction with CDC42 and RAC1. Recruited to focal adhesions upon activation. Colocalized with CIB1 within membrane ruffles during cell spreading upon readhesion to fibronectin. Upon DNA damage, translocates to the nucleoplasm when phosphorylated at Thr-212 where is co-recruited with MORC2 on damaged chromatin (PubMed:23260667). Localization to the centrosome does not depen

Expression :

Overexpressed in gastric cancer cells and tissues (at protein level) (PubMed:25766321).

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