

PAK γ (Phospho Ser20) Rabbit pAb

CatalogNo: YP1432

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 60kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho peptide around human PAK2 (Ser20)

Specificity This antibody detects endogenous levels of Human Mouse PAK2 (phospho-Ser20)

Target Information

Gene name PAK2

Protein Name PAK2 (Ser19)

Organism	Gene ID	UniProt ID
Human	5062 ;	Q13177 ;
Mouse	224105 ;	Q8CIN4 ;

Cellular Localization

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 depend upon the presence of gamma-tubulin (PubMed:27012601). Localization of the active, but not inactive, protein to the adhesions and edge of lamellipodia is mediated by interaction with GIT1 (PubMed:11896197). .

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

| Validation Data

| Contact information

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PAK γ (Phospho Ser20) Rabbit pAb

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