

Phospho-PAK1-S141 Rabbit pAb

Catalog No.: AP0517

Basic Information

Observed MW

Refer to figures

Calculated MW

61kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human

Background

This gene encodes a family member of serine/threonine p21-activating kinases, known as PAK proteins. These proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling, and they serve as targets for the small GTP binding proteins Cdc42 and Rac. This specific family member regulates cell motility and morphology. Mutations in this gene have been associated with macrocephaly, seizures, and speech delay. Overexpression of this gene is also reported in many cancer types, and particularly in breast cancer. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5058

Swiss Prot

Q13153

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

IDDMSSD; p65-PAK; PAKalpha; alpha-PAK; Phospho-PAK1-S141

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.