

AP0555

Leader in Biomolecular Solutions for Life Science



Phospho-PAK1-T212 Rabbit pAb

Catalog No.: AP0555

Basic Information

Observed MW

55kDa

Calculated MW

61kDa

Category

Polyclonal 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

Immunogen Information

Gene ID

5058

Swiss Prot

Q13153

Immunogen

A synthetic phosphorylated peptide around T212 of human PAK1 (NP_002567.3).

Synonyms

IDDMSSD; p65-PAK; PAKalpha; alpha-PAK; Phospho-PAK1-T212

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

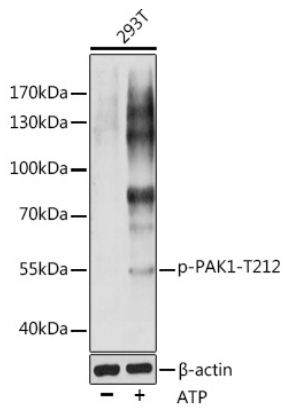
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using Phospho-PAK1-T212 pAb (AP0555) at 1:1000 dilution. 293T cells were treated by ATP (5 mM) at 30°C for 1 hour.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.