PAK1
Polyclonal ANTIBODY
Catalog Number: 21401-1-AP

Basic Information

Catalog Number: 21401-1-AP
Size: 101 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG16102

GenBank Accession Number: BC100599
GeneID (NCBI): 5098
Full Name: p21 protein (Cdc42/Rac)-activated kinase 1
Calculated MW: 553aa, 62 kDa
Observed MW: 61-65 kDa

Recommended Dilutions:
WB: 1:1000-1:6000
IP: 0.5-4.0 μg for IP and 1:1000-1:2000 for WB
IHCl: 1:100-1:500
IF: 1:10-1:100

Applications

Tested Applications: IF, IHC, IP, WB, ELISA
Cited Applications: CoIP, IF, WB
Species Specificity: human, mouse, rat
Cited Species: human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:
WB: C6 cells; Jurkat cells, NIH3T3 cells, MCF-7 cells, HeLa cells, K-562 cells
IP: K-562 cells
IHC: mouse brain tissue; human breast cancer tissue
IF: C6 cells;

Background Information

Notable Publications

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Storage

Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product, please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 405-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Various lysates were subjected to SDS PAGE followed by western blot with 21401-1-AP (PAK1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21401-1-AP (PAK1 antibody) at dilution of 1:200 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH 9).

Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21401-1-AP (PAK1 antibody) at dilution of 1:200 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH 9).


Immunofluorescent analysis of C6 cells using 21401-1-AP (PAK1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).