

For Research Use Only

PAK7 Polyclonal antibody

Catalog Number: 27847-1-AP



Basic Information

Catalog Number:

27847-1-AP

Size:

150ul, Concentration: 750 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27283

GenBank Accession Number:

BC024179

GeneID (NCBI):

57144

UNIPROT ID:

Q9P286

Full Name:

p21 protein (Cdc42/Rac)-activated kinase 7

Calculated MW:

719 aa, 81 kDa

Observed MW:

80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

Background Information

p21-activated kinase 7 (PAK7), also known as PAK5, is a member of the p21-activated kinase family (Paks). PAK7 is mainly expressed in the brain and testis and has a molecular mass of 81 kDa. It plays an important role in tumorigenesis, invasion and metastasis (PMID: 19165420).

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

*** 20ul sizes contain 0.1% BSA

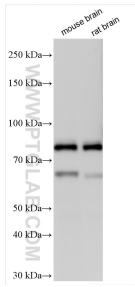
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

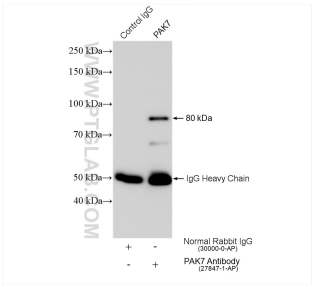
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27847-1-AP (PAK7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-PAK7 (IP:27847-1-AP, 4ug; Detection:27847-1-AP 1:3000) with mouse brain tissue lysate 1280 ug.