

PAK7 Monoclonal antibody

Catalog Number: 66961-1-Ig

Basic Information

Catalog Number:

66961-1-Ig

Size:

1775 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27299

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:

Protein A purification

CloneNo.:

1H3B6

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

Human, Mouse, Rat, Pig

Positive Controls:

WB : mouse brain tissue, pig brain tissue, rat brain tissue

IF/ICC : Neuro-2a cells, U-251 cells

Background Information

PAK7(p21-activated kinase 7) is also named as KIAA1264, PAK5 and belongs to the STE Ser/Thr protein kinase family. It plays a role in a variety of different signaling pathways including cytoskeleton regulation, cell migration, proliferation or cell survival.

Storage

Storage:

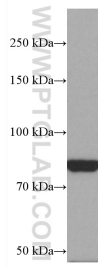
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

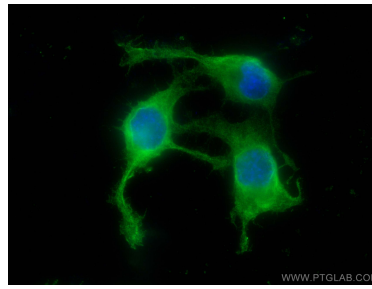
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 66961-1-Ig (PAK7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using PAK7 antibody (66961-1-Ig, Clone: 1H3B6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).