

For Research Use Only

# PAK7 Recombinant antibody

Catalog Number: 82935-1-RR **Featured Product**



## Basic Information

**Catalog Number:**

82935-1-RR

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG29190

**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:**

70 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

230201A10

**Recommended Dilutions:**

WB 1:500-1:2000

IF 1:200-1:800

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

Human

**Positive Controls:**

WB : HeLa cells, SH-SY5Y cells

IF : 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

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

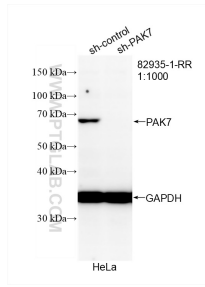
T: 4006900926

E: Proteintech-CN@ptglab.com

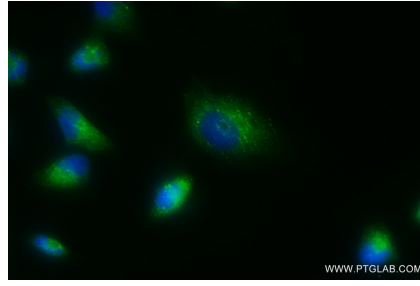
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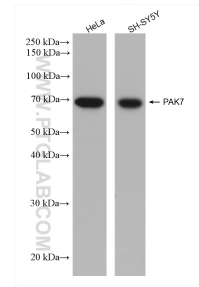
## Selected Validation Data



WB result of PAK7 antibody (82935-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PAK7 transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using PAK7 antibody (82935-1-RR, Clone: 230201A10 ) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 82935-1-RR (PAK7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.