

For Research Use Only

PI4KA Recombinant antibody

Catalog Number: 82938-1-RR



Basic Information

Catalog Number:

82938-1-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3062

GenBank Accession Number:

BC018120

GeneID (NCBI):

5297

UNIPROT ID:

P42356

Full Name:

phosphatidylinositol 4-kinase,
catalytic, alpha

Calculated MW:

2044 aa, 231 kDa

Observed MW:

231 kDa

Purification Method:

Protein A purification

CloneNo.:

230057G2

Recommended Dilutions:

WB 1:5000-1:50000

IF 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : HeLa cells, mouse brain tissue, MCF-7 cells, HEK-293T cells, THP-1 cells, SKOV-3 cells, rat brain tissue

IF : MCF-7 cells,

Background Information

PI4KA, also named as PIK4, PIK4CA, belongs to the PI3/PI4-kinase family and Type III PI4K subfamily. It acts on phosphatidylinositol (PtdIns) in the first committed step in the production of the second messenger inositol-1,4,5-trisphosphate. PI4KA plays a role in the formation of membrane complexes where HCV replication takes place. (PMID:19605471).

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:

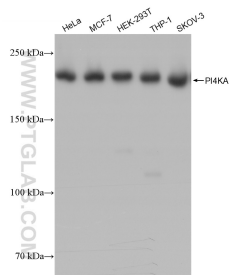
T: 4006900926

E: Proteintech-CN@ptglab.com

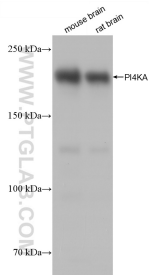
W: ptgcn.com

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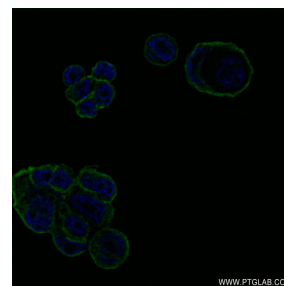
Selected Validation Data



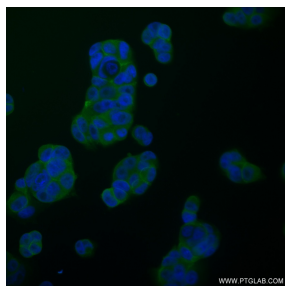
Various lysates were subjected to SDS PAGE followed by western blot with 82938-1-RR (PI4KA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using PI4KA antibody (82938-1-RR, Clone: 230057G2) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



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