

Anti-PIK3R1/PI3-kinase p85-alpha Polyclonal Antibody

Summary

Catalog No.	PHD75801
Host species	Rabbit
Tested applications	ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:1000-1:4000
Species reactivity	Human, Mouse, Rat
Immunogen	E. coli - derived recombinant Human PIK3R1/PI3-kinase p85-alpha (Trp624-Val718).
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.
Clonality	Polyclonal
Isotype	IgG
Applications	ELISA, IHC, WB
Target	PI3-kinase subunit p85-alpha, Phosphatidylinositol 3-kinase regulatory subunit alpha, PtdIns-3-kinase regulatory subunit alpha, GRB1, PI3K regulatory subunit alpha, Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha, PtdIns-3-kinase regulatory subunit p85-alpha, PIK3R1, PI3-kinase regulatory subunit alpha
Purification	Purified by antigen affinity column.
Accession	P27986

Stability and Storage

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

Note

For research use only.

Data Image

Various lysates were subjected to SDS PAGE followed by western blot with PI3-kinase p85-alpha antibody (PHD75801) at 1µg/ml.

Lane 1: NIH3T3 cell lysate

Lane 2: Jurkat cell lysate

Lane 3: N2A cell lysate

Lane 4: A549 cell lysate

Lane 5: PC 12 cell lysate

Lane 6: HepG2 cell lysate

Lane 7: MCF-7 cell lysate

Lane 8: Mouse brain lysate

Lane 9: Mouse muscle lysate

Lane 10: Mouse kidney lysate

Lane 11: Mouse heart lysate

Lane 12: Rat brain lysate

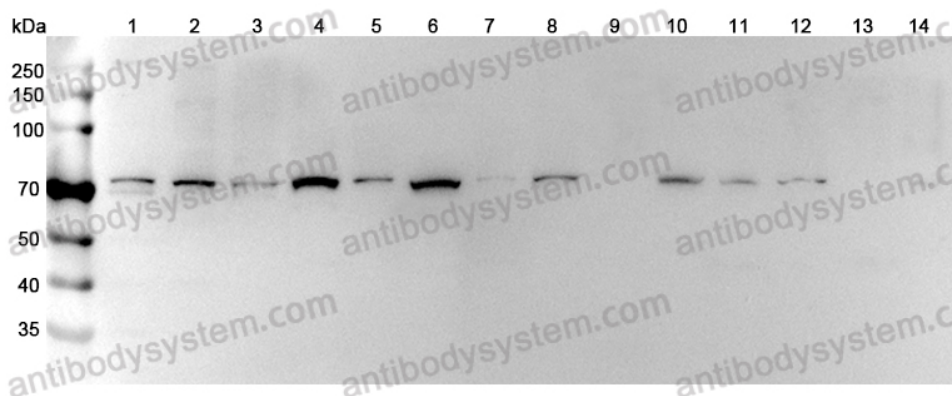
Lane 13: Rat muscle lysate

Lane 14: Rat kidney lysate

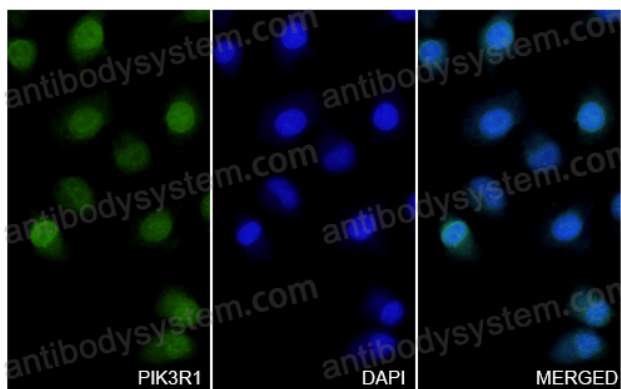
Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 85 kDa

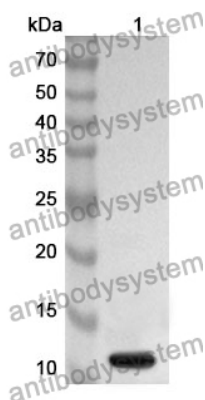
Observed MW: 85 kDa



Western Blot



Immunocytochemistry/ Immunofluorescence



Western Blot

PIK3R1 / PI3-kinase p85-alpha
in A549 Cell Line.

The A549 cells were fixed with 4% paraformaldehyde (20 min), and then blocked with 5% goat serum for 1h. And the cells were incubated for 2h at 37°C with PIK3R1 / PI3-kinase p85-alpha (PHD75801) at 7.8 µg/ml. The section was then incubated with Goat Anti-Rabbit IgG (Alexa Fluor-488) preabsorbed at 1/100 dilution (Shown in green) for 1 hour at room temperature. Nuclear DNA was labelled with DAPI (shown in blue).

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with PIK3R1/PI3-kinase p85-alpha antibody (PHD75801) at 1 µg/ml.

Lane 1: Recombinant Protein

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 13 kDa

Observed MW: 13 kDa