

A17433

Leader in Biomolecular Solutions for Life Science



PI3 Kinase p85 beta Rabbit pAb

Catalog No.: A17433

1 Publications

Basic Information

Observed MW

85kDa

Calculated MW

82kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Three transcript variants, one protein coding and the other two non-protein coding, have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5296

Swiss Prot

O00459

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

p85; MPPH; P85B; MPPH1; p85beta; p85-BETA; PI3 Kinase p85 beta

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

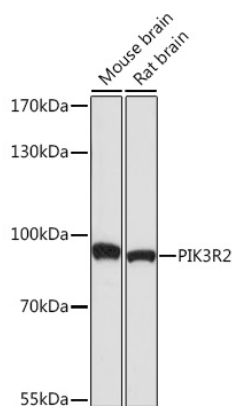
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates using PI3 Kinase p85 beta Rabbit pAb (A17433) at 1:1000 dilution.

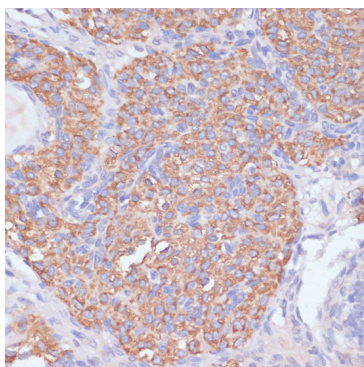
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

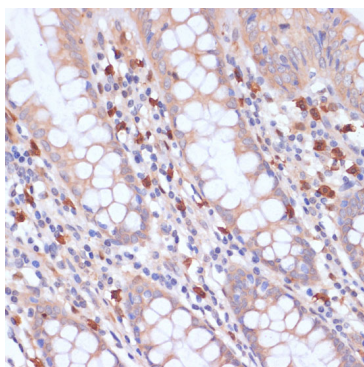
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

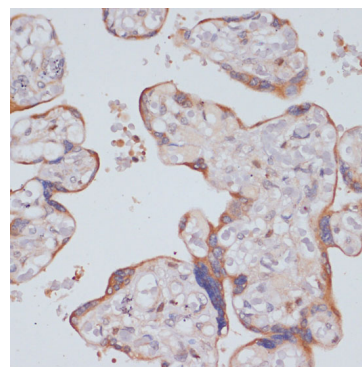
Exposure time: 90s.



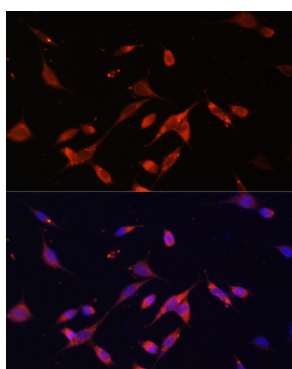
Immunohistochemistry analysis of paraffin-embedded Rat ovary using PI3 Kinase p85 beta Rabbit pAb (A17433) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon using PI3 Kinase p85 beta Rabbit pAb (A17433) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using PI3 Kinase p85 beta Rabbit pAb (A17433) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of NIH/3T3 using PI3 Kinase p85 beta Rabbit pAb (A17433) at dilution of 1:100. Blue: DAPI for nuclear staining.