

A4562

Leader in Biomolecular Solutions for Life Science



PIK3R5 Rabbit pAb

Catalog No.: A4562

Basic Information

Observed MW

95kDa

Calculated MW

97kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

Phosphatidylinositol 3-kinases (PI3Ks) phosphorylate the inositol ring of phosphatidylinositol at the 3-prime position, and play important roles in cell growth, proliferation, differentiation, motility, survival and intracellular trafficking. The PI3Ks are divided into three classes: I, II and III, and only the class I PI3Ks are involved in oncogenesis. This gene encodes the 101 kD regulatory subunit of the class I PI3K gamma complex, which is a dimeric enzyme, consisting of a 110 kD catalytic subunit gamma and a regulatory subunit of either 55, 87 or 101 kD. This protein recruits the catalytic subunit from the cytosol to the plasma membrane through high-affinity interaction with G-beta-gamma proteins. Multiple alternatively spliced transcript variants encoding two distinct isoforms have been found.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

23533

Swiss Prot

Q8WYR1

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

p101; FOAP-2; P101-PI3K; F730038I15Rik; PIK3R5

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

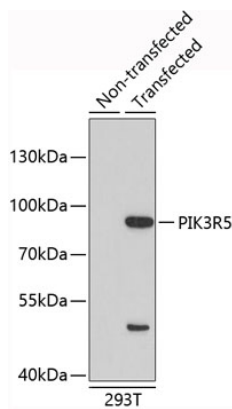
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of lysates from 293T cells, using PIK3R5 Rabbit pAb (A4562).
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.