

PIK3R5 Rabbit Polyclonal Antibody



CAB16266

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

54kDa/97kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

23533

Uniprot

Q8WYR1

Synonyms:

PIK3R5; F730038115Rik; FOAP-2; P101-PI3K; p101

Immunogen:

A synthetic Peptide of human PIK3R5

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images
