

PI3 Kinase p85 alpha Rabbit Polyclonal Antibody



CAB11402

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

85kDa

Calculated MW:

42kDa/49kDa/53kDa/83kDa/
84kDa

Applications:

WB

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms.

Immunogen information

Gene ID:

5295

Uniprot

P27986

Synonyms:

AGM7; GRB1; IMD36; p85; p85-ALPHA; PI3 Kinase p85 alpha;
PIK3R1

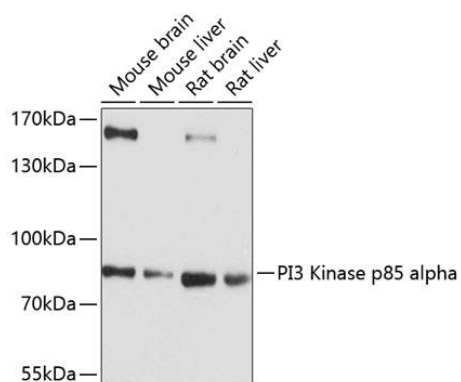
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 240-380 of human PI3 Kinase p85 alpha (NP_852556.2).

Storage:

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

Product Images



Western blot analysis of extracts of various cell lines, using PI3 Kinase p85 alpha antibody (CAB11402) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.