

PIK3R1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:200

Calculated MW: 84kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human PIK3R1

Storage Buffer:

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

Synonym:

p85; AGM7; GRB1; IMD36; p85-ALPHA;

Catalog #: A10608

Antibody Type:

Monoclonal Antibody

Species: Mouse

Gene ID: 5295

Isotype: IgG

Swiss Prot: P27986

Purity: Affinity purification

For research use only.

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.

To place an order, please [Click HERE](#).