

Anti-PIK3R1 Polyclonal Antibody

Cat: AC51130

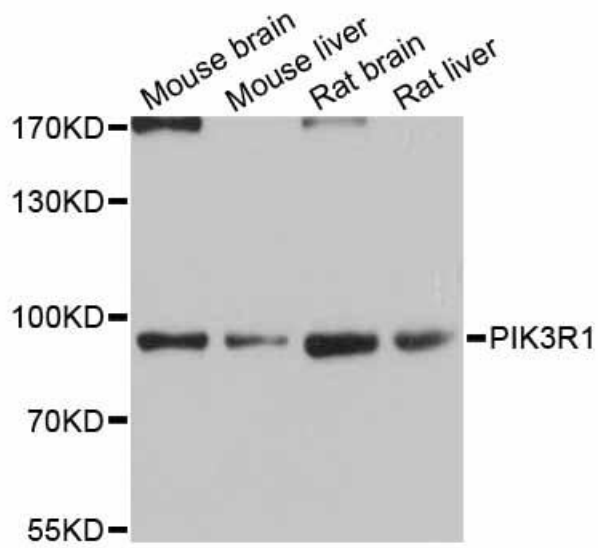
Summary:

- 【Product name】** : Anti-PIK3R1 antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Mouse Rat
【Swiss Prot】 : P27986 **【Gene ID】** : 5295
【Calculated】 : MW:84kDa **【Observed】** : MW:90kDa
【Purification】 : Affinity purification
【Tested applications】 : WB
【Recommended dilution】 : WB 1:500-2000.
【WB Positive sample】 : Mouse brain,Mouse liver,Rat brain,Rat liver
【Subcellular location】 : Cytosol Endoplasmic reticulum Golgi apparatus Nucleus Plasma Membrane
【Immunogen】 : Recombinant protein of human PIK3R1
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

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.

Verified picture



Western blot analysis with PIK3R1 antibody
diluted at 1:1000