
Product Name: PI3-Kinase p85 alpha Rabbit Monoclonal Antibody**Catalog #: AMRe87559**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	Calculated MW:84 kDa; Observed MW:84 kDa

Antigen Information

Gene Name	PI3-Kinase p85 alpha
Alternative Names	p85; AGM7; GRB1; IMD36; p85-ALPHA
Gene ID	5295
SwissProt ID	P27986
Immunogen	A synthetic peptide of human PI 3 Kinase p85 alpha

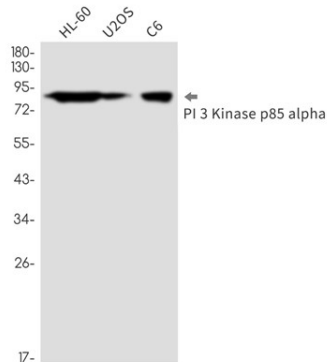
Background

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

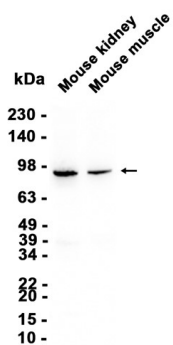
subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

Research Area

Image Data



Western blot detection of PI 3 Kinase p85 alpha in HL-60,U2OS,C6 cell lysates using PI 3 Kinase p85 alpha antibody(1:1000 diluted).



Western blot analysis of extracts from Mouse muscle , Mouse kidney tissue using AMRe87559 at 1:1000.