

Product Name: PI3-Kinase p85 α Rabbit Monoclonal Antibody**Catalog #: AMRe21617**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:84kD;Observed MW:84kD

Antigen Information

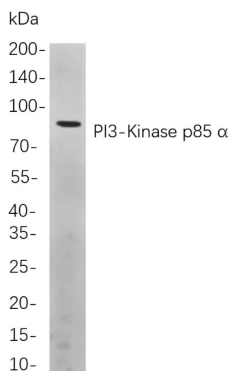
Gene Name	PIK3R1
Alternative Names	PIK3R1;GRB1;Phosphatidylinositol 3-kinase regulatory subunit alpha;PI3-kinase regulatory subunit alpha;PI3K regulatory subunit alpha;PtdIns-3-kinase regulatory subunit alpha;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha;PI3-kinase subunit p85-alpha;PtdIns-3-kinase regulatory subunit p85-alpha
Gene ID	5295.0
SwissProt ID	P27986
Immunogen	A synthetic peptide of human PI 3 Kinase p85 alpha

Background

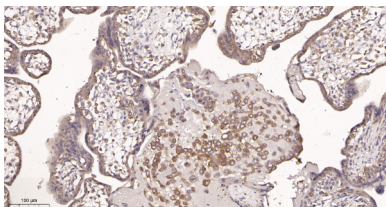
Cell localization:nucleus,cytoplasm,cis-Golgi network,cytosol,plasma membrane,cell-cell junction,phosphatidylinositol 3-kinase complex,phosphatidylinositol 3-kinase complex, class IA,membrane,perinuclear endoplasmic reticulum membrane,.Phosphatidylinositol 3-kinase phosphorylates the inositol ring of 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 analysis of lysates from HepG2 cells, using PI3-Kinase p85 α Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



Immunohistochemical analysis of paraffin-embedded Human placenta tissue. 1, PI3-Kinase p85 α Rabbit Monoclonal Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).