
Product Name: PI3-Kinase p110 β Rabbit Monoclonal Antibody**Catalog #: AMRe21049**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF,ELISA
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	IHC 1:200-1:1000;WB 1:2000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;
Molecular Weight	Calculated MW:123kD;Observed MW:110kD

Antigen Information

Gene Name	PIK3CB
Alternative Names	PIK3C1
Gene ID	5291.0
SwissProt ID	P42338
Immunogen	A synthetic peptide of human PI3 Kinase p110 beta

Background

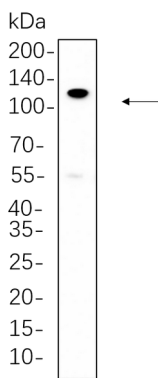
Cell localization:Cytoplasm . Nucleus . Interaction with PIK3R2 is required for nuclear localization and export..This gene encodes an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is

the catalytic subunit for PI3Kbeta (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011],

Research Area

Cell Biology; Signal Transduction; Immunology; Neuroscience

Image Data



RT-4 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with PI3-Kinase p110 β Rabbit Monoclonal Antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.