

PI3 Kinase P85 Rabbit rabbit pAb

Cat No.:ES20642

For research use only

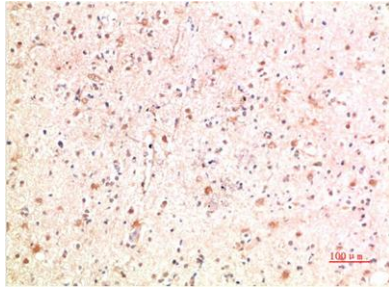
Overview

Product Name	PI3 Kinase P85 Rabbit rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	IHC 1:100-200
Immunogen	Recombinant Protein of PI3 Kinase P85 of PIK3R1
Specificity	PI3 Kinase P85 protein detects endogenous levels of PIK3R1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PIK3R1
Gene Name	PIK3R1
Cellular 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,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	85kD
Human Gene ID	5295
Human Swiss-Prot Number	P27986
Alternative Names	PIK3R1
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],

Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using PI3 Kinase P85 Rabbit pAb diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded Human Pancreas Carcinoma Tissue using PI3 Kinase P85 Rabbit pAb diluted at 1:500.

