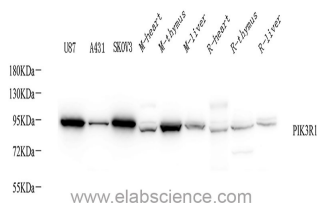


PI 3 kinase p85 alpha Polyclonal Antibody

Catalog No.	E-AB-70381	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of various samples using PI 3 kinase p85 alpha Polyclonal Antibody at dilution of 1:1000.

Immunogen Information

Immunogen	Recombinant protein corresponding to Human PI 3 Kinase p85 alpha.
Swissprot	P27986,P26450,Q63787
Synonyms	PIK3R1, AGM7, GRB1, IMD36, p85, p85-ALPHA, phosphoinositide-3-kinaseregulatory subunit 1

Product Information

Calculated MW	85kDa
Observed MW	95kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000

Background

Phosphatidylinositol 3-kinase (PI3K) plays an important role in the metabolic actions of insulin and is required for adipogenesis. The PI3K pathway has also been identified as an important player in cancer development and progression. The Class IA PI3K heterodimer, which is composed of a P110 catalytic subunit and a P85 regulatory subunit, is activated upon association of the P85 subunit with upstream adaptor proteins or receptor tyrosine kinases. Mutations in PIK3R1 are implicated in cases of breast cancer and associated to SHORT syndrome.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.