Recombinant PI3-Kinase p85 α Monoclonal Antibody

catalog number: **AN301112L**

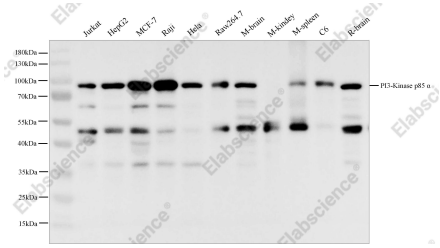
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human PI3-Kinase p85 α protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110736
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1000
WB	1:1000-5000
IF	1:200-1000
ELISA	1:5000-20000
IP	1:50-200

Data



Western blot analysis of Jurkat,HepG2,MCF7,Raji,HeLa,Raw 264.7,Mouse brain,Mouse kindey,Mouse spleen,C6 and Rat brain cell lysates using PI3-Kinase p85 α Antibody (AN301112L) at a dilution of 1:1500.

Observed-MW:84 kDa

Calculated-MW:84 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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.

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