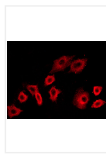
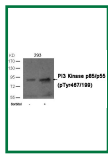
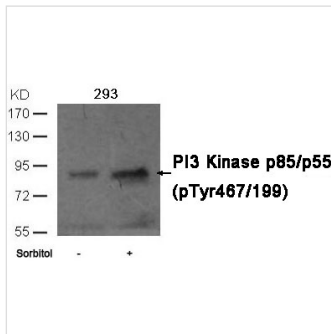


Phospho-PI3K p85/p55 (Tyr467, Tyr199) Rabbit Polyclonal Antibody



Key features and details

Reactivity: Human, Mouse, Rat

Application: WB, ICC/IF, IHC(P)

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Target: Phospho-PI3K p85/p55

Brand: **AREX**
BIOSCIENCES

CAT.NO. : ARA6611

RMB: 2500.00

Size:

20μL

100μL

Trail, Bulk size or
Custom requests
Please contact us

*产品价格可能会有所调整，请以品牌方官网实时更新的价格为准，以确保准确性。

Product Details

Background

Phosphoinositide 3-kinase (PI3K, phospho PI3K) Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane. Phospho PI3K is necessary for the insulin-stimulated increase in glucose uptake and glycogen synthesis in insulin-sensitive tissues. During insulin stimulation, it also binds to IRS-1. Growth factors and hormones trigger this phosphorylation event, which in turn coordinates cell growth, cell cycle entry, cell migration, and cell survival.

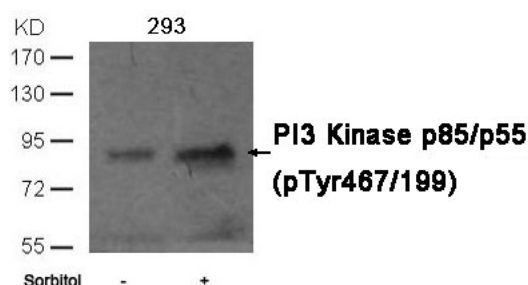
Overview

Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human PIK3R1(Accession P27986), corresponding to amino acid residues around phosphorylated Tyr199.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide

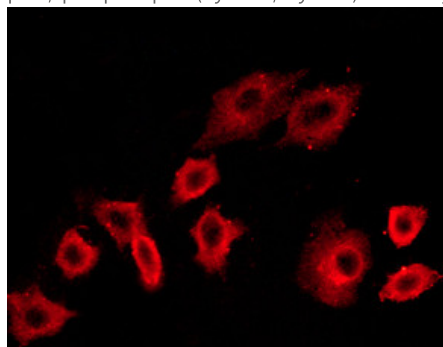
Application

Applications	Tested Dilution
Western Blot (WB)	1:500 - 1:2,000
Immunohistochemistry (Paraffin) (IHC (P))	1:50 - 1:200
Immunocytochemistry (ICC/IF)	1:100 - 1:500

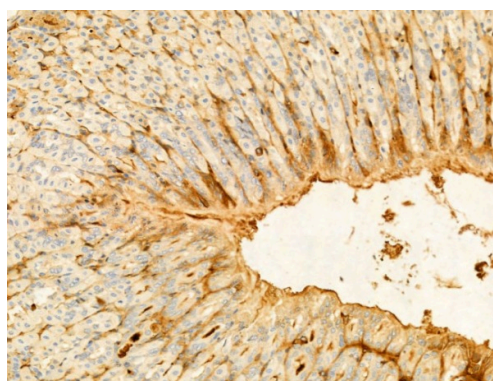
Data



Western blot: Extracts from 293 cells untreated or treated with sorbitol stained with anti - PI3 Kinase p85 / p55 phospho (Tyr467 / Tyr199) antibody.



Immunocytochemical analysis of Phospho - PI3K p85/p55 (Tyr458)/p55 (Tyr199) in NIH/3T3 cells using a Phospho - PI3K p85/p55 (Tyr458)/p55 (Tyr199) polyclonal antibody. The samples were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1:400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1:600 was used as secondary antibody.



Immunohistochemical analysis of Phospho - PI3K p85/p55 (Tyr458)/p55 (Tyr199) in Mouse stoma tissue using a Phospho - PI3K p85/p55 (Tyr458)/p55 (Tyr199) polyclonal antibody. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti - Rabbit antibody was used as the secondary antibody.

Storage

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.