

Datasheet for ABIN7216548
anti-PIK3R2 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	PIK3R2 (PI3K p85b)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PI 3-kinase p85β Polyclonal Antibody
Immunogen:	Synthesized peptide derived from human PI 3-kinase p85beta around the non-phosphorylation site of Y464
Isotype:	IgG
Specificity:	PI 3-kinase p85β Polyclonal Antibody detects endogenous levels of PI 3-kinase p85β protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	PIK3R2 (PI3K p85b)
Alternative Name:	PI 3-kinase p85beta (PI3K p85b Products)

Target Details

Background:	Rabbit Anti-PI 3-kinase p85 β Polyclonal Antibody,PIK3R2, Phosphatidylinositol 3-kinase regulatory subunit beta, PI3-kinase regulatory subunit beta, PI3K regulatory subunit beta, PtdIns-3-kinase regulatory subunit beta, Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta, PI3-kinase,Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. Phosphoinositide-3-kinase regulatory subunit 2 encoded by PIK3R2 is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for PIK3R2.,Phosphatidylinositol 3-kinase regulatory subunit beta
Molecular Weight:	observed band 85kDa
Gene ID:	5296
UniProt:	O00459
Pathways:	VEGF Signaling , BCR Signaling

Application Details

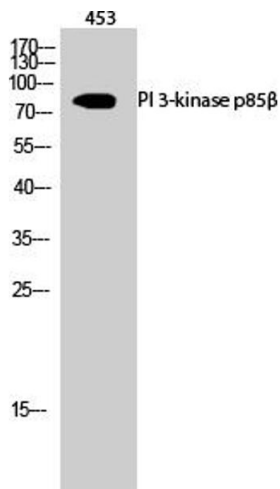
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid

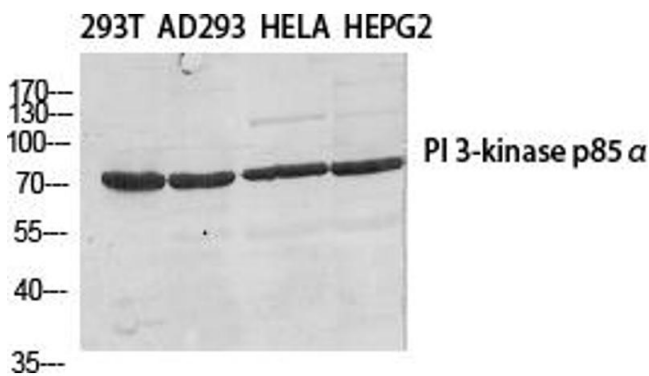
repeated freezing and thawing.

Images



Western Blotting

Image 1. Western Blot analysis of 453 cells using PI 3-kinase p85 β Polyclonal Antibody diluted at 1:500.



Western Blotting

Image 2. Western Blot analysis of various cells using PI 3-kinase p85 α Polyclonal Antibody diluted at 1:500.