Datasheet for ABIN7540565

anti-PIK3R3 antibody (N-Term)

Go to Product page

Overview

Quantity:	100 µg
Target:	PIK3R3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PIK3R3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Fluorescence Microscopy (FM)

Product Details

Purpose:	Anti-PI3 Kinase p55 gamma Antibody
Immunogen:	Anti-PI3 Kinase p55 gamma antibody was prepared from whole goat serum produced by repeated immunizations with a synthetic peptide corresponding to a near N-Terminal portion of human PI3 Kinase p55 gamma conjugated to Keyhole Limpet Hemocyanin (KLH).
Isotype:	IgG
Cross-Reactivity (Details):	This affinity purified antibody is directed against human PI 3 Kinase p55 gamma.
Purification:	The product was affinity purified from monospecific antiserum by immunoaffinity purification.
Sterility:	Sterile filtered

Target Details

Target:	PIK3R3
Alternative Name:	PIK3R3 (PIK3R3 Products)
Background:	Goat Anti-PI3 Kinase p55 gamma Antibody, Goat Anti-PIK3R3 Antibody, Anti-p55 gamma Antibody, Phosphoinositide-3-Kinase Regulatory Subunit 3, Phosphatidylinositol 3-Kinase 55 KDa Regulatory Subunit Gamma, Phosphoinositide-3-Kinase, Regulatory Subunit 3 (Gamma), PtdIns-3-Kinase Regulatory Subunit P55-Gamma, PI3-Kinase Regulatory Subunit Gamma, PI3K Regulatory Subunit Gamma, PI3-Kinase Subunit P55-Gamma, P55PIK, Phosphatidylinositol 3-Kinase, Regulatory Subunit, Polypeptide 3 (P55, Gamma), Phosphatidylinositol 3-Kinase Regulatory Subunit Gamma, Phosphoinositide-3-Kinase Regulatory Subunit Gamma, PtdIns-3-Kinase Regulatory Subunit Gamma, P55-GAMMA, P55,PI 3-Kinases (phosphoinositide 3-kinases, PI 3-Ks) are a family of lipid kinases capable of phosphorylating the 3'OH of the inositol ring of phosphoinositides. They are responsible for coordinating a diverse range of cell functions including proliferation and survival. PIK3R3 (Phosphoinositide-3-Kinase Regulatory Subunit 3) binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1. Anti-PIK3R3 Antibody is useful for researchers interested in cancer research, Asbestos-related lung carcinomas, intravenous Leiomyomatosis, ERK signaling, and mTOR Pathways.
Gene ID:	8503
NCBI Accession:	NP_001107644
UniProt:	Q92569

Application Details

Application Notes:	ELISA_Dilution: 1:10,000 - 50,000 Immunohistochemistry_Dilution: 1:100 IF_Microscopy_Dilution: 15 µg/mL Western_Blot_Dilution: 1:1000
Comment:	Anti-PI3 Kinase p55 gamma Antibody has been tested in WB, IF, and IHC. Expect bands ~44, 47, 54kDa in western blot using appropriate tissues or lysates. Positive control used: mouse testis in WB, A431 cells in IF, Human testis and Human tonsil tissue in IHC.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) 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:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months