Datasheet for ABIN7540566

anti-PIK3R3 antibody (N-Term)

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Overview

Quantity:	25 µL
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 PI 3 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:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiry Date:	12 months