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Datasheet for ABIN7163300

anti-PIK3R6 antibody (Regulatory Subunit 6) (Biotin)

Overview

Quantity:	100 µg
Target:	PIK3R6
Binding Specificity:	AA 566-667, Regulatory Subunit 6
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R6 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Phosphoinositide 3-kinase regulatory subunit 6 protein (566-667AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PIK3R6
Alternative Name:	PIK3R6 (PIK3R6 Products)
Background:	Background: Regulatory subunit of the PI3K gamma complex. Acts as an adapter to drive activation of PIK3CG by beta-gamma G protein dimers. The PIK3CG:PIK3R6 heterodimer is

Target Details

much less sensitive to beta-gamma G protein dimers than PIK3CG:PIK3R5 and its membrane recruitment and beta-gamma G protein dimer-dependent activation requires HRAS bound to PIK3CG. Recruits of the PI3K gamma complex to a PDE3B:RAPGEF3 signaling complex involved in angiogenesis, signaling seems to involve RRAS.

Aliases: C17orf38 antibody, Chromosome 17 open reading frame 38 antibody, HsT41028 antibody, p84 PI3K adapter protein antibody, p84 PIKAP antibody, p87 phosphoinositide 3-kinase gamma (PI3Kg) adapter protein antibody, p87 PI3K adapter protein antibody, p87PIKAP antibody, Phosphatidylinositol 3-kinase, regulatory subunit 6 antibody, Phosphoinositide 3-kinase gamma adapter protein of 87 kDa antibody, Phosphoinositide 3-kinase regulatory subunit 6 antibody, PI3Kgamma adapter protein of 87 kDa antibody, PI3R6_HUMAN antibody, PIK3R6 antibody

UniProt: [Q5UE93](#)

Pathways: [PI3K-Akt Signaling](#), [Inositol Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.