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Datasheet for ABIN392818

anti-PIK3 gamma antibody (AA 1079-1102)

1 Image

Overview

Quantity:	400 µL
Target:	PIK3 gamma (PIK3CG)
Binding Specificity:	AA 1079-1102
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3 gamma antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PIK3CG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1079-1102 amino acids from human PIK3CG.
Clone:	RB13319
Isotype:	Ig Fraction
Predicted Reactivity:	M, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PIK3 gamma (PIK3CG)
Alternative Name:	PIK3CG (PIK3CG Products)

Target Details

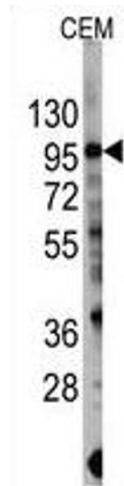
Background:	PIK3CG belongs to the pi3/pi4-kinase family of proteins. It is an enzyme that phosphorylates phosphoinositides on the 3-hydroxyl group of the inositol ring. It is an important modulator of extracellular signals, including those elicited by E-cadherin-mediated cell-cell adhesion, which play an important role in maintenance of the structural and functional integrity of epithelia. In addition to its role in promoting assembly of adherens junctions, the protein is thought to play a pivotal role in the regulation of cytotoxicity in NK cells.
Molecular Weight:	126454
Gene ID:	5294
NCBI Accession:	NP_001269355 , NP_001269356 , NP_002640
UniProt:	P48736
Pathways:	PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , TLR Signaling , Inositol Metabolic Process , Hepatitis C , VEGF Signaling

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of anti-PIK3CG Antibody (R) in CEM cell line lysates (35 µg/lane). PIK3CG (arrow) was detected using the purified Pab.