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Datasheet for ABIN204569

anti-PIP5K1C antibody (C-Term)

Overview

Quantity:	100 µg
Target:	PIP5K1C
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIP5K1C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	Synthetic peptide from human PIP5K1C.
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Binds to a 85-90kD human protein. Binding can be blocked by the peptide immunogen.
Purification:	Immunoaffinity purified

Target Details

Target:	PIP5K1C
Alternative Name:	PIP5K1C (PIP5K1C Products)

Target Details

Background:	Name/Gene ID: PIP5K1C Synonyms: PIP5K1C, Diphosphoinositide kinase, KIAA0589, LCCS3, PIP5K1-gamma, Type I PIP kinase, PIP5KIgamma, PtdIns(4)P-5-kinase 1 gamma, PIP5K-GAMMA, PIP5Kgamma, PIPKIg_v4
Gene ID:	23396
UniProt:	O60331
Pathways:	PI3K-Akt Signaling , Inositol Metabolic Process , Cell-Cell Junction Organization , Maintenance of Protein Location , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	Approved: ELISA (1:50000), Neut, WB Usage: Western Blot. ELISA: 1:50000. ELISA: Antibody titers and specificity were analyzed by ELISA assay using control samples (varying concentration of GST-EPOr) and control anti GST antibody. Affinity purified antibody was found to detect EPOr at concentrations of 50 ng/mL. Neutralization of ligand binding has been detected using Erythroleukemia cell line TF-1 (3000 EPO receptors/cell) to block Iodine-labeled erythropoietin ligand binding. Western blot concentration used 10 µg/mL. It will recognize EPOr-GST at its migration of 49kD on SDS-PAGE. Good secondary anti-sheep reagents are essential for this assay. Recommended use of rabbit anti-sheep rather than donkey anti-sheep antibodies as a secondary labeling reagents.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.2, 1 mg/mL BSA, 0.1 % sodium azide, 40 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.