

Datasheet for ABIN7117486

anti-Phospholipase C beta 1 antibody[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Phospholipase C beta 1 (PLCB1)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholipase C beta 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	phospholipase C, beta 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Phospholipase C beta 1 (PLCB1)
Alternative Name:	PLCB1 (PLCB1 Products)
Background:	<p>Synonyms: EIEE12, PI-PLC, PLC-154, PLC-I, PLC-beta-1, PLC154, PLCB1A, PLCB1B</p> <p>Background: The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. This reaction uses calcium as a cofactor and plays an important role in the intracellular transduction of many</p>

Target Details

	extracellular signals. This gene is activated by two G-protein alpha subunits, alpha-q and alpha-11. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	139 kDa
Gene ID:	23236
UniProt:	Q9NQ66
Pathways:	WNT Signaling , AMPK Signaling , Thyroid Hormone Synthesis , Inositol Metabolic Process , Regulation of Muscle Cell Differentiation , Regulation of G-Protein Coupled Receptor Protein Signaling , Proton Transport , Skeletal Muscle Fiber Development , CXCR4-mediated Signaling Events , G-protein mediated Events

Application Details

Application Notes:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months