Datasheet for ABIN7450565

anti-PHLPP2 antibody (C-Term)

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Overview

Quantity:	20 µg
Target:	PHLPP2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHLPP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-PHLPPL Antibody, Affinity Purified
Immunogen:	between AA 1275 and C-term
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PHLPP2
Alternative Name:	PHLPPL ([PHLPP2 Products])
Background:	Background: PHLPPL (PH domain leucine-rich repeat-containing protein phosphatase-like) is responsible for the dephosphorylation and subsequent inactivation of Akt. Akt is a signaling

Target Details

protein critical to the balance of cell survival and apoptosis. Dephosphorylation of Akt by PHLPPL has been demonstrated to trigger apoptosis and suppress tumor cell growth. PHLPPL is also known as PHLPPL2 and functions similarly to its relative, PHLPP1. Recent studies show that PHLPPL and PHLPP selectively terminate Akt-signaling by targeting specific Akt isoforms.

Gene ID:	23035
NCBI Accession:	NP_055835
UniProt:	Q6ZVD8
Pathways:	PI3K-Akt Signaling, Fc-epsilon Receptor Signaling Pathway

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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
Expiry Date:	12 months