

Datasheet for ABIN392310
anti-PHLPP1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PHLPP1
Binding Specificity:	AA 531-560, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHLPP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PHLPP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 531-560 amino acids from the N-terminal region of human PHLPP1.
Clone:	RB14892
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PHLPP1
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Target Details

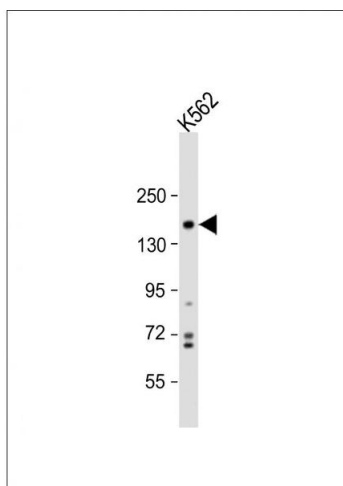
Alternative Name:	PHLPP1 (PHLPP1 Products)
Background:	PHLPP1 is a protein phosphatase that specifically mediates dephosphorylation of 'Ser-473' of AKT1, a protein that regulates the balance between cell survival and apoptosis through a cascade that primarily alters the function of transcription factors that regulate pro- and antiapoptotic genes.
Molecular Weight:	184672
Gene ID:	23239
NCBI Accession:	NP_919431
UniProt:	O60346
Pathways:	PI3K-Akt Signaling , Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway

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. Anti-PHL Antibody (N-term) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 185 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.