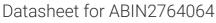
# antibodies .- online.com





## anti-PHLPP2 antibody



### Overview

Quantity:	100 μg
Target:	PHLPP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHLPP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### **Product Details**

Immunogen:	Synthetic peptide derived from the human PHLPP2 protein
Isotype:	Ig Fraction
Cross-Reactivity:	Human
Characteristics:	PHLPP2, PH domain leucine-rich repeat-containing protein phosphatase 2, PH domain leucine-
	rich repeat-containing protein phosphatase-like, PHLPP-like,PHLPP2 is a protein phosphatase
	that mediates dephosphorylation of 'Ser-473' of AKT1, 'Ser-660' of PRKCB isoform beta-II and
	'Ser-657' of PRKCA. AKT1 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. Dephosphorylation of 'Ser-473' of AKT1 triggers apoptosis and decreases
	cell proliferation. Also controls the phosphorylation of AKT3. Dephosphorylation of PRKCA and
	PRKCB leads to their destabilization and degradation. Inhibits cancer cell proliferation and may
	act as a tumor suppressor.

## **Product Details** Antigen Immunoaffinity Purification Purification: **Target Details** PHLPP2 Target: Alternative Name PH domain leucine-rich repeat-containing protein phosphatase 2 (PHLPP2 Products) UniProt: Q6ZVD8 Pathways: PI3K-Akt Signaling, Fc-epsilon Receptor Signaling Pathway **Application Details** Application Notes: This antibody can be used for immunohistochemistry on formalin/paraffin sections (10-15 µ g/mL). Optimal concentration should be evaluated by serial dilutions. Restrictions: For Research Use only Handling Buffer: Provided as solution in phosphate buffered saline with 0.08 % 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. -20 °C Storage:

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

Storage Comment: