



Rabbit Anti-Human PHLPP2 monoclonal antibody, clone TQ330 (CABT-L1818)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Mouse
Target	PHLPP2
Immunogen	Synthetic peptide derived from human PHLPP2 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ330
Purification	Protein A/G purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Molecular Weight	190 kDa
Cellular Localization	Cytoplasm, Membrane, Nucleus
Positive Control	Prostate, Prostate Adenocarcinoma
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide

Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.
----------------	---

BACKGROUND

Introduction	PHLPP2 (PH domain and leucine-rich repeat protein phosphatases 2) is a membrane-bound protein with dual functions as a tumor suppressor and a protein phosphatase. It mediates dephosphorylation of 'Ser-473' of AKT1, 'Ser-660' of PRKCB isoform beta-II and 'Ser-657' of PRKCA as well as AKT3 phosphorylation. Dephosphorylation of AKT1, PRKCA and PRKCB leads to their destabilization and degradation and inhibits cancer cell proliferation.
---------------------	---

Keywords	PHLPP2;PH domain and leucine rich repeat protein phosphatase 2;PH domain and leucine rich repeat protein phosphatase like, PHLPP1;PH domain leucine-rich repeat-containing protein phosphatase 2;KIAA0931;PHLP1
-----------------	---

GENE INFORMATION

Entrez Gene ID	23035
-----------------------	-----------------------

UniProt ID	Q6ZVD8
-------------------	------------------------