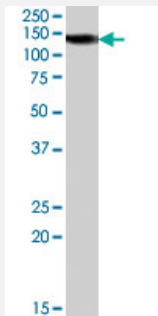


PHLPP2 polyclonal antibody

Catalog # PAB7321

Size 100 ug

Applications



Western Blot (Tissue lysate)

PHLPP2 polyclonal antibody (Cat # PAB7321) (0.1 ug/mL) staining of human brain (amygdala, hippocampus, substantia nigra) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of PHLPP2.

Immunogen A synthetic peptide corresponding to human PHLPP2.

Sequence C-PHEEDRTEPPEEFD

Host Goat

Theoretical MW (kDa) 134

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
ELISA (1:32000)
Western Blot (0.1-0.3 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — PHLPP2

Entrez GeneID	23035
Protein Accession#	NP_055835.2
Gene Name	PHLPP2
Gene Alias	KIAA0931, PHLPP2
Gene Description	PH domain leucine-rich repeat-containing protein phosphatase 2
Omim ID	611066
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [TBX1 functions as a tumor suppressor in thyroid cancer through inhibiting the activities of PI3K/AKT and MAPK/ERK pathways.](#)

Na W, Li Y, Wei J, Pu J, Liu R, Yang Q, Guan H, Shi B, Hou P, Ji M.

Thyroid : Official Journal of the American Thyroid Association 2019 Mar; 29(3):378.

Application: WB, Human, BCPAP, FTC133, IHH4, K1, 8305C cells

- [PHLPP: a phosphatase that directly dephosphorylates Akt, promotes apoptosis, and suppresses tumor growth.](#)

Gao T, Furnari F, Newton AC.

Molecular Cell 2005 Apr; 18(1):13.

Application: WB-Tr, Human, DLD-1, H157, HT-29, HEK 293T, LN319, LN444, MDA-MB-231 cells

Disease

- [Tobacco Use Disorder](#)