

## Product datasheet for **TA303258**

### PHLPP2 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:32,000. WB: 0.1-0.3µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-PHEEDRTEPPEEFD, from the C Terminus of the protein sequence according to NP_055835.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	PH domain and leucine rich repeat protein phosphatase 2
Database Link:	<a href="#">NP_055835</a> <a href="#">Entrez Gene 23035 Human</a> <a href="#">Q6ZVD8</a>
Background:	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. Dephosphorylation of 'Ser-473' of AKT1 triggers apoptosis and decrease cell proliferation Also controls the phosphorylation of AKT3



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Synonyms: PHLPL; PPM3B

### Product images:



TA303258 (0.1ug/ml) staining of Human Brain (Amygdala, Hippocampus, Substantia Nigra) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.