

Product datasheet for **AP05172PU-N**

LPPR2 (PLPPR2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Western Blot. Enzyme Immunoassay. Positive Control: Human brain lysate.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from the LPPRP2 protein
Specificity:	This antibody recognizes Human Lipid Phosphate Phosphatase Related Protein 2. Other species not tested.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.08% Sodium Azide
Concentration:	lot specific
Purification:	Antigen Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phospholipid phosphatase related 2
Database Link:	Entrez Gene 64748 Human Q96GM1



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Background:	Phospholipid-mediated signalling on neurons provokes diverse responses such as neurogenesis, pattern formation and neurite remodelling. A recently uncovered novel set of molecules in the mammalian brain, named plasticity-related genes (PRGs) mediate lipid phosphate phosphatase activity and provide evidence for their involvement in mechanisms of neuronal plasticity.
Synonyms:	LPPR2, PRG4, EC 3.1.3.4, Plasticity-related gene 4 protein, PRG-4
Protein Families:	Druggable Genome, Transmembrane