

Lipid Phosphate Phosphatase Related Protein 4 . Rabbit Polyclonal Antibody Human

LPPRP4; Plasticity Related Gene 1

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.

ORDERING INFORMATION

CATALOG NUMBER
X1649P

SIZE
100 µg

FORM
Unconjugated

HOST/CLONE
Rabbit

FORMULATION
Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION
Lot specific, see vial

ISOTYPE
IgG

APPLICATIONS
Western Blot, Enzyme Immunoassay

IMMUNOGEN

Synthetic peptide derived from the LPPRP4 protein

SPECIES REACTIVITY

Human

Legend:

Western blot analysis using LPPRP4 antibody on human brain lysate.

MW 82.9-



For research use only. Not for use in human diagnostics or therapeutics.

POSITIVE CONTROL/TISSUE EXPRESSION

Human brain lysate (Cat. No. X1633C)

COMMENTS

Antibody can be used for Western blotting (5-10 mg/ml) or EIA. Optimal concentration should be evaluated by serial dilutions.

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

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

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

Brauer A.U., Savaskan N.E., Kuhn H., Prehn S., Ninnemann O., Nitsch R.; "A new phospholipid phosphatase, PRG-1, is involved in axon growth and regenerative sprouting."; Nat. Neurosci. 6:572-578(2003).

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