

Lipid Phosphate Phosphatase Related Protein 2 . Rabbit Antigen Immunoaffinity Purified Polyclonal , Human

LPPRP2; Plasticity-Related Gene 4

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
X1647P

SIZE
10 Miniblots

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

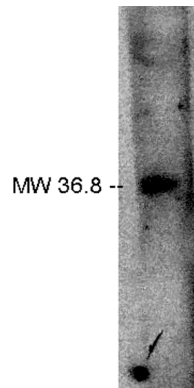
Synthetic peptide derived from the LPPRP2 protein

SPECIES REACTIVITY

Human

Legend:

Western blot analysis using LPPRP2 antibody on human brain lysate.



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 (see vial for dilution) and EIA. Optimal concentration should be evaluated by serial dilutions.

SHIP CONDITIONS

Ship on dry ice, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -70°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

[1] Strausberg R.L., et al "Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences."; Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).

[2] Strausberg R.; Submitted (JUN-2001) to the EMBL/GenBank/DDBJ databases.

[3] Morris A.J., Sigal Y.J., McDermott M., Sciorra V.A.; Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

[4] Savaskan N.E., Brauer A.U., Nitsch R.; "Molecular cloning and expression regulation of PRG-3, a new member of the plasticity-related gene family."; Eur. J. Neurosci. 19:212-220(2004).

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