

MaxPab®

LPPR4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009890-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human LPPR4 protein.
Immunogen	LPPR4 (AA48349.1, 1 a.a. ~ 763 a.a) full-length human protein.
Sequence	MQRAGSSGGRGECDISGAGRLGLEEAARLSCAVHTSPGGGRRPGQAAGMSAKERPKGKVIKDS VTLLPCFYFVELPILASSVVSLYFLELTDVFKPVHSGFSCYDRSLSMPIEPTQEAIPFLMLLSLAFA GPAITIMVGEGILYCCLSKRRNGVGLEPNINAGGCNFSFLRAVRVFGVHVFLGCSTALITDIQLST GYQAPYFLTVCKPNYTSNLVSCKENSYVEDICSGSDLTVINSGRKSFP SQHATLAAFAAVVSMY FNSTLTDSSKLLKPLLVFTFIICGICGLTRITQYKNHPVDVYCGFLIGGGIALYLGLYAVGNFLPSDES MFQHRDALRSLTDLNQDPNRLLSAKNGSSSDGIAHTEGILNRNHRDASSLTNLKRANADVEITPR SPMGKENMVTFSNTLPRANTPSVEDPVR RNASIHASMDSARSKQLLTQWKNKNESRKLSLQVIE PEPGQSPPRSIEMRSSSEPSRVGVNGDHHGPGNQYLKIQPGAVPGC NNSMPGGPRVSIQSRPG SSQLVHIPEETQENISTSPKSSSARAKWLKAAEKT VACNRSNSQPRIMQVIAMSKQQGV LQSSPK NTEGSTV SCTGSIRYKLTLDHEPSGIVRVEAHPENNRPIIQIPSTEGEGSGSWKWK APEKGS LRQT YELNDLNRDSESCESLKDSFGSGDRKRSNIDSNEHHHHGITTIRVTPVEGSEIGSETLSISSSRDST LRRKGNILIPERSNSPENTRNIFYKGTSPTRAYKD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — LPPR4

Entrez GeneID [9890](#)**GeneBank Accession#** [BC148348.1](#)**Protein Accession#** [AA48349.1](#)**Gene Name** LPPR4**Gene Alias** KIAA0455, LPR4, PHP1, PRG-1, PRG1, RP4-788L13.1**Gene Description** plasticity related gene 1**Omim ID** [607813](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the lipid phosphate phosphatase (LPP) family. LPPs catalyze the dephosphorylation of a number of bioactive lipid mediators that regulate a variety of cell functions. This protein is specifically expressed in neurons. It is located in the membranes of outgrowing axons and has been shown to be important for axonal outgrowth during development and regenerative sprouting. [provided by RefSeq]

Other Designations OTTHUMP00000012462|brain-specific phosphatidic acid phosphatase-like protein 1|lipid phosphate phosphatase-related protein type 4

Disease

- [Tobacco Use Disorder](#)