

Rabbit anti-Human PRG2 Polyclonal Antibody | anti-LPPR3 antibody

PRG2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287370	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

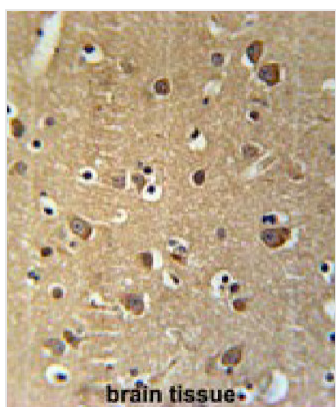
PRODUCT SYNONYMS

PRG2; Polyclonal Antibody; PRG2 Antibody (Center); Lipid phosphate phosphatase-related protein type 3; PAP-2-like protein 2; Plasticity-related gene 2 protein; PRG-2; LPPR3; PHP2; anti-LPPR3 antibody

PRODUCT SPECIFICATIONS

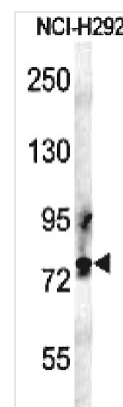
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 316-344 amino acids from the Central region of human PRG2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	316-344
Sequence Length	326
Applicable Applications for anti-LPPR3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

PRG2 Antibody (Center) (Cat. #AAA287370) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PRG2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PRG2 Antibody (Center) (Cat. #AAA287370) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the PRG2 antibody detected the PRG2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LPPR3 antibody	The proteins in the lipid phosphate phosphatase (LPP) family, including PRG2, are integral membrane proteins that modulate bioactive lipid phosphates including phosphatidate, lysophosphatidate, and sphingosine-1-phosphate in the context of cell migration, neurite retraction, and mitogenesis (Brauer et al., 2003 [PubMed 12730698]).
Product Categories/Family for anti-LPPR3 antibody	Signal Transduction
References	Brauer, A.U., et al. Nat. Neurosci. 6(6):572-578(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	392996998
NCBI GeneID	79948
NCBI Accession #	NP_001257295.1; NP_079164.1
NCBI GenBank Nucleotide #	NM_001270366.1
UniProt Accession #	Q6T4P5; Q86XQ4; Q96EH1; Q9BQF9; Q9HAJ4
Molecular Weight	76037
NCBI Official Full Name	lipid phosphate phosphatase-related protein type 3 isoform 2
NCBI Official Symbol	LPPR3
NCBI Official Synonym Symbols	LPR3; PRG2; PRG-2
NCBI Protein Information	lipid phosphate phosphatase-related protein type 3
UniProt Protein Name	Lipid phosphate phosphatase-related protein type 3
UniProt Gene Name	LPPR3
UniProt Synonym Gene Names	PHP2; PRG2; PRG-2
UniProt Entry Name	LPPR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/prg2-antibody-immunohistochemistry-western-blot-elisa/287370>