

**PLA2G4B Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4919c**

**Specification**

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**PLA2G4B Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [POC869](#)

**PLA2G4B Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 100137049;8681

**Other Names**

Cytosolic phospholipase A2 beta, cPLA2-beta, Phospholipase A2 group IVB, PLA2G4B

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PLA2G4B Antibody (Center) Blocking Peptide - Protein Information**

**Name** PLA2G4B

**Function**

Calcium-dependent phospholipase A1 and A2 and lysophospholipase that may play a role in membrane phospholipid remodeling.

**Cellular Location**

[Isoform 3]: Cytoplasm, cytosol. Mitochondrion membrane; Peripheral membrane protein. Early endosome membrane; Peripheral membrane protein. Note=Translocates to membrane vesicles in a calcium-dependent fashion.

**Tissue Location**

Widely expressed. Expressed at higher level in brain, heart, liver, cerebellum and pancreas

**PLA2G4B Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**PLA2G4B Antibody (Center) Blocking Peptide - Images****PLA2G4B Antibody (Center) Blocking Peptide - Background**

PLA2G4B transcribes naturally-occurring mRNAs that are co-transcribed products of the neighboring JMJD7 and PLA2G4B genes. Incompletely processed read-through transcripts from these two loci are abundantly expressed in most tissues, but the function of the predicted protein product has not yet been determined.

**PLA2G4B Antibody (Center) Blocking Peptide - References**

Ghosh, M., et al. J. Biol. Chem. 281(24):16615-16624(2006) Tao, R., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 137B (1), 56-58 (2005) Pope, S.N., et al. J. Steroid Biochem. Mol. Biol. 94 (1-3), 203-208 (2005)