

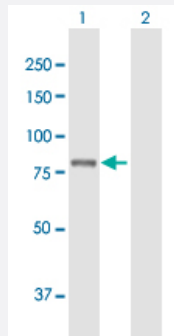
MaxPab®

# PLA2G6 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008398-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of PLA2G6 expression in transfected 293T cell line ([H00008398-T01](#)) by PLA2G6 MaxPab polyclonal antibody.

Lane 1: PLA2G6 transfected lysate(82.72 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human PLA2G6 protein.

### Immunogen

PLA2G6 (NP\_001004426.1, 1 a.a. ~ 752 a.a) full-length human protein.

### Sequence

MQFFGRLVNTFSGVTNLFSPFRVKEVAVADYTSSDRVREEGQLILFQNTPNRTWDCVLVNPRN  
SQSGFRLFQLELEADALVNFHQYSSQLLPFYESSPQVLHTEVLQHLTDLIRNHPSSWSVAHLAVEL  
GIRECFHHSRIISCANCAENEEGCTPLHLACRKGDGEILVELVQYCHTQMDVTDYKGETVFHYAVQ  
GDNSQVLQLLGRNAVAGLNQVNNQGLTPLHLACQLGKQEMVRVLLCNARCNIMGPNGYPIHSA  
MKFSQKGAEMIISMDSSQIHSKDPYRGASPLHWAKNAEMARMLLKRGCVNNTSSAGNTALHV  
AVMRNRFDCAMLLTHGANADARGEHGNTPLHLAMSKDNVEMIKALMFGAEVDTPNDFGETPTF  
LASKIGRQLQDLMHISRARKPAFILGSMRDEKRTHDHLCLDGGGVKGLIIQLLIAIEKASGVATKDL  
FDWVAGTSTGGILALAILHSKSMAYMRGMYFRMKDEVFRGSRPYESGPLEEFLKREFGEHTKMT  
DVRKPKVMLTGTLSDRQPAELHLFRNYDAPETVREPRFNQNVNLRPPAQPSDQLVWRAARSSG  
AAPTFRPNRFLDGGLLANNPTLDAMTEIHEYNQDLIRKQKANKVKKLSIVSLGTGRSPQVPVT  
CVDVFRPSNPWELAKTVFGAKELGKMVDCCTDPDGRAVDRARAWCEMVGIQYFRLNPQLGT  
DIMLDEVSDTVLVNALWETEVYEHREEFQKLIQLLLSP

### Host

Mouse

### Reactivity

Human

**Interspecies Antigen Sequence**

Mouse (83); Rat (82)

**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.

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[Protocol Download](#)

## Gene Info — PLA2G6

**Entrez GeneID**[8398](#)**GeneBank Accession#**[NM\\_001004426.1](#)**Protein Accession#**[NP\\_001004426.1](#)**Gene Name**

PLA2G6

**Gene Alias**

CaI-PLA2, GVI, INAD1, IPLA2-VIA, PARK14, PLA2, PNPLA9, iPLA2

**Gene Description**

phospholipase A2, group VI (cytosolic, calcium-independent)

**Omim ID**[256600](#) [603604](#) [608395](#) [610217](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is an A2 phospholipase, a class of enzyme that catalyzes the release of fatty acids from phospholipids. The encoded protein may play a role in phospholipid remodeling, arachidonic acid release, leukotriene and prostaglandin synthesis, fas-mediated apoptosis, and transmembrane ion flux in glucose-stimulated B-cells. Several transcript variants encoding multiple isoforms have been described, but the full-length nature of only two of them have been determined to date. [provided by RefSeq]

**Other Designations**

OTTHUMP00000028877|calcium-independent phospholipase A2|cytosolic, calcium-independent phospholipase A2|patatin-like phospholipase domain containing 9|phospholipase A2, group VI

## Pathway

- [alpha-Linolenic acid metabolism](#)
- [Arachidonic acid metabolism](#)
- [Ether lipid metabolism](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Glycerophospholipid metabolism](#)
- [GnRH signaling pathway](#)
- [Linoleic acid metabolism](#)
- [Long-term depression](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Vascular smooth muscle contraction](#)
- [VEGF signaling pathway](#)

## Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Dystonia](#)
- [Edema](#)
- [Frontotemporal Dementia](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)

- [Melanoma](#)
- [Neurodegenerative Diseases](#)
- [Nevus](#)
- [Parkinson Disease](#)
- [Parkinsonian Disorders](#)
- [Precancerous Conditions](#)
- [Psychotic Disorders](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Sunburn](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)