

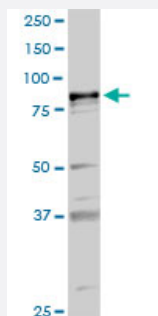
MaxPab®

PLA2G6 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008398-D01P

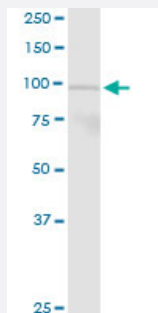
Size 100 ug

Applications



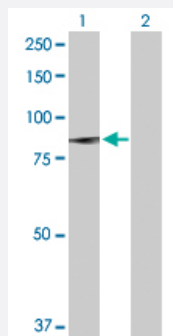
Western Blot (Tissue lysate)

PLA2G6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PLA2G6 expression in mouse kidney.



Western Blot (Tissue lysate)

PLA2G6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PLA2G6 expression in human kidney.



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(84.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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	MQFFGRLVNTFSGVTNLFSPNFRVKEVAVADYTSSDRVREEGQLILFQNTPNRTWDCVLVNPRN SQSGFRLFQLELEADALVNFHQYSSQLLPFYESSPQVLHTEVLQHLTDLIRNHPSWSVAHLAVEL GIRECFHHSRIISCANCAENEEGCTPLHLACRKGDGEILVELVQYCHTQMDVTDYKGETVPHYAVQ GDNSQVLQLLGRNAVAGLNQVNNQGLTPLHLACQLGKQEMVRVLLCNARCNIMGPNGYPIHSA MKFSQKGCAEMIISMDSSQIHSKDPRYGASPLHWAKNAEMARMLLKRGCVNSTSSAGNTALHV AVMRNRFDCAMLLTHGANADARGEHGNTPLHLAMSKDNVEMIKALVFGAEVDTPNDFGETPTF LASKIGRQLQDLMHISRARKPAFILGSMRDEKRTHDHLCLDGGGVKGLIIQLLIAIEKASGVATKDL FDWVAGTSTGGILALAILHSKSMAVMRGMYFRMKDEVFRGSRPYESGPLEEFLKREFGEHTKMT DVRKPKVMLTGTLSDRQPAELHLFRNYDAPETVREPRFNQNVNLRPPAQPSDQLVWRAARSSG AAPTFRPNRFLDGGLLANNPTLDAMTEIHEYNQDLIRKQKANKVKKLSIVSLGTGRSPQVPVT CVDVFRPSNPWELAKTVFGAKELGKMVDCCTDPDGRAVDRARAWCEMVGIQYFRLNPQLGT DIMLDEVSDTVLVNALWETEVYIEHREEFQKLIQLLLSP
Host	Rabbit
Reactivity	Human, Mouse
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.

Applications

- Western Blot (Tissue lysate)

PLA2G6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PLA2G6 expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Tissue lysate)

PLA2G6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PLA2G6 expression in human kidney.

[Protocol Download](#)

- 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(84.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PLA2G6

Entrez GeneID [8398](#)

GeneBank Accession# [NM_001004426.1](#)

Protein Accession# [NP_001004426.1](#)

Gene Name PLA2G6

Gene Alias Cal-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](#)