

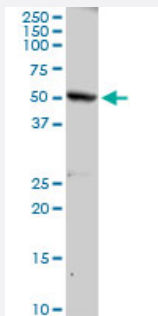
MaxPab®

PLA2G3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00050487-D01P

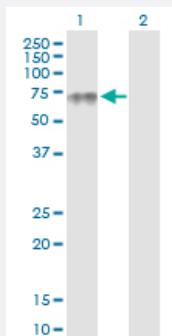
Size 100 ug

Applications



Western Blot (Tissue lysate)

PLA2G3 MaxPab rabbit polyclonal antibody. Western Blot analysis of PLA2G3 expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of PLA2G3 expression in transfected 293T cell line ([H00050487-T02](#)) by PLA2G3 MaxPab polyclonal antibody.

Lane 1: PLA2G3 transfected lysate(57.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PLA2G3 protein.

Immunogen

PLA2G3 (AAH25316.1, 1 a.a. ~ 509 a.a) full-length human protein.

Sequence	MGVQAGLFGMLGFLGVALGGSPALRWYRTSCHLTKAVPGNPLGYLSFLAKDAQGLALIHARWDA HRRLLQACSWEDEPELTAAYGALCAHETAWGSFIHTPGPELQRALATLQSQWEACRALEESPA ARKKRAAGQSGVPGGGHQREKRGWTMPGTLWCGVGDSAGNSSELGVFQQPDLCREHDCRP QNISPLQYNYGIRNYRFHTISHCDDTRFQQCLQNHDSISDIVGVAFFNVLEIPCFVLEEQA WYWWGGCRMVGTVPLARLQPRTFYNASWSSRATSPTPSSRSPAPPKPRQKQHLRKGPPHQK SKRPSKANTTALQDPMVSPRLDVAPTGLQGPQGGLKPQGARWVCRSFRRHLDQCEHQIGPRE EFQLLNSAQEPLFHCNCTRRLARFLRLHSPPEVTNMLWELLGTTCTFKLAPPLDCVEGKNCSR RAIRVSARHLRRLQQRRLQDKGTDERQWPSEPLRGPMFYNQCLQLTQAARRPDRQQKSW SQ
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (65); Rat (65)
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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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — PLA2G3

Entrez GeneID	50487
GeneBank Accession#	NM_015715.2
Protein Accession#	AAH25316.1

Gene Name	PLA2G3
Gene Alias	GIII-SPLA2, SPLA2III
Gene Description	phospholipase A2, group III
Omim ID	611651
Gene Ontology	Hyperlink
Gene Summary	PLA2G3 belongs to the family of secreted phospholipase A2 (sPLA2; EC 3.1.1.4) proteins. These Ca(2+)-dependent lipolytic enzymes have a conserved Ca(2+)-binding loop and a his-asp dyad in the catalytic site (Murakami et al., 2003 [PubMed 12522102]).[supplied by OMIM]
Other Designations	group III secreted phospholipase A2 phosphatidylcholine 2-acylhydrolase GIII

Pathway

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

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)

- [HIV Infections](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)