

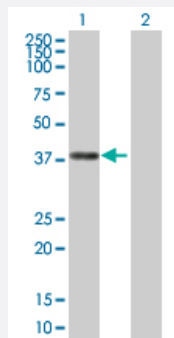
MaxPab®

PLA2G4B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008681-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of JMJD7-PLA2G4B expression in transfected 293T cell line ([H00008681-T01](#)) by JMJD7-PLA2G4B MaxPab polyclonal antibody.

Lane 1: PLA2G4B transfected lysate(34.76 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PLA2G4B protein.
Immunogen	PLA2G4B (ENSP00000334326, 1 a.a. ~ 316 a.a) full-length human protein.
Sequence	MAEAALEAVRSELREFPAAARELCVPLAVPYLDKPPTPLHFYRDWVCPNRPICIRNALQHWPALQ KWSLPYFRATVGSTEVSAVTPDGYADAVRGDRFMMPAERRRLPSFVLDVLEGRAQHGPVLYV QKQCSNLPSELPQLLPDLESHVPWASEALGKMPDAVNFWLGEAAAVTSLHKDHYENLYCVVSG EKHFLFHPPSDRPFIPYELYTPATYQLTEEGTFKVVDEEAMEKVPWIPLDPLAPDLARYPSYSQAQ ALRCTVRAGEMLYPALWFHHVQQSQGCIAVNFWYDMEYDLKYSYFQLLDSLTKASGLD
Host	Mouse
Reactivity	Human
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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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — JMJD7-PLA2G4B

Entrez GeneID	8681
GeneBank Accession#	ENST00000335032
Protein Accession#	ENSP00000334326
Gene Name	JMJD7-PLA2G4B
Gene Alias	HsT16992, PLA2G4B, cPLA2-beta
Gene Description	JMJD7-PLA2G4B readthrough transcript
Omim ID	606088
Gene Ontology	Hyperlink
Gene Summary	This gene 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. Alternative splicing of this gene results in different transcript variants, some of which are candidates for nonsense-mediated decay (NMD). [provided by RefSeq]
Other Designations	JMJD7-PLA2G4B protein JMJD7-PLA2G4B read-through OTTHUMP00000041703 phospholipase A2, group IVB (cytosolic)

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

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Dyslexia](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)