

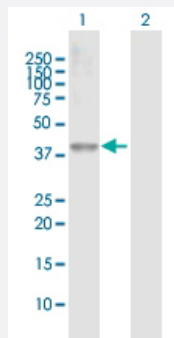
MaxPab®

# JMJD7-PLA2G4B MaxPab rabbit polyclonal antibody (D01)

Catalog # H00008681-D01

Size 100 uL

## Applications

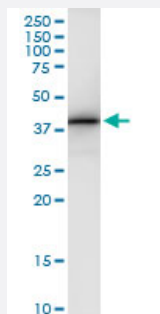


### Western Blot (Transfected lysate)

Western Blot analysis of JMJD7-PLA2G4B expression in transfected 293T cell line ([H00008681-T02](#)) by JMJD7-PLA2G4B MaxPab polyclonal antibody.

Lane 1: JMJD7-PLA2G4B transfected lysate(35.9 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of JMJD7-PLA2G4B transfected lysate using anti-JMJD7-PLA2G4B MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PLA2G4B MaxPab mouse polyclonal antibody (B01) ([H00008681-B01](#)).

## Specification

|                     |                                                                                                                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against a full-length human JMJD7-PLA2G4B protein.                                                                                                                                                                                                                                                        |
| Immunogen           | JMJD7-PLA2G4B (ENSP00000334326, 1 a.a. ~ 316 a.a) full-length human protein.                                                                                                                                                                                                                                                                |
| Sequence            | MAEAALEAVRSELREFPAAARELCVPLAVPYLDKPPTPLHFYRDWVCPNRPICIRNALQHWPALQ<br>KWSLPYFRATVGSTEVSAVTPDGYADAVRGDRFMMPAERRLPISFVLVDVLEGRAQHPGVLYV<br>QKQCSNLPSELPQLLPDLESHVPWASEALGKMPDAVNFWLGEAAVTSLHKDHYENLYCVVSG<br>EKHFLFHPPSDRPFIPYELYTPATYQLTEEGTFKVVDDEEAMEKVPWIPLDPLAPDLARYPSYSQAQ<br>ALRCTVRAGEMLYPALWFHHVQQSQGCIAVNFWYDMEYDLKYSYFQLLDSLTKASGLD |
| Host                | Rabbit                                                                                                                                                                                                                                                                                                                                      |

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer          | No additive                                                              |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

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[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — JMJD7-PLA2G4B

|                     |                                      |
|---------------------|--------------------------------------|
| Entrez GeneID       | <a href="#">8681</a>                 |
| GeneBank Accession# | <a href="#">ENST00000335032</a>      |
| Protein Accession#  | <a href="#">ENSP00000334326</a>      |
| Gene Name           | JMJD7-PLA2G4B                        |
| Gene Alias          | HsT16992, PLA2G4B, cPLA2-beta        |
| Gene Description    | JMJD7-PLA2G4B readthrough transcript |
| Omim ID             | <a href="#">606088</a>               |
| Gene Ontology       | <a href="#">Hyperlink</a>            |

**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](#)