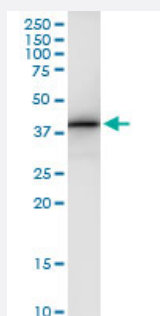


# JMJD7-PLA2G4B (Human) IP-WB Antibody Pair

Catalog # H00008681-PW1

Size 1 Set

## Applications



Immunoprecipitation of JMJD7-PLA2G4B transfected lysate using rabbit polyclonal anti-JMJD7-PLA2G4B and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-JMJD7-PLA2G4B.

## Specification

|                                |                                                                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.                                                                                                                      |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                             |
| <b>Quality Control Testing</b> | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of JMJD7-PLA2G4B transfected lysate using rabbit polyclonal anti-JMJD7-PLA2G4B and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse polyclonal anti-JMJD7-PLA2G4B. |
| <b>Supplied Product</b>        | Antibody pair set content:<br>1. Antibody pair for IP: rabbit polyclonal anti-JMJD7-PLA2G4B (300 ul)<br>2. Antibody pair for WB: mouse polyclonal anti-JMJD7-PLA2G4B (50 ul)                                                                                      |
| <b>Storage Instruction</b>     | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.                                                                                |

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — JMJD7-PLA2G4B

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">8681</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](#)