



[Go to Product page](#)

Datasheet for ABIN704015

anti-JMJD7-PLA2G4B antibody (AA 301-400) (HRP)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | JMJD7-PLA2G4B |
| Binding Specificity: | AA 301-400 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This JMJD7-PLA2G4B antibody is conjugated to HRP |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human CPLA2 beta |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | JMJD7-PLA2G4B |
| Alternative Name: | CPLA2 beta (JMJD7-PLA2G4B Products) |
| Background: | Synonyms: CPLA2 beta, Cytosolic phospholipase A2 beta, DKFZp686N12131, FLJ17693, |

Target Details

FLJ42498, FLJ53173, PA24B_HUMAN, HsT16992, OTTHUMP00000201605, OTTHUMP00000210673, Phospholipase A2 group IVB, Phospholipase A2, group IVB cytosolic, PLA2G4B.

Background: This gene encodes a member of the cytosolic phospholipase A2 protein family. Phospholipase A2 enzymes hydrolyze the sn-2 bond of phospholipids, releasing lysophospholipids and fatty acids. This enzyme may be associated with mitochondria and early endosomes. Most tissues also express read-through transcripts from the upstream gene into this gene, some of which may encode fusion proteins combining the N-terminus of the upstream gene including its JmjC domain with the almost complete coding region of this gene, including the C2 and cytoplasmic phospholipase A2 domains.

Gene ID: 8681

Pathways: [ER-Nucleus Signaling](#), [VEGF Signaling](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months