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Datasheet for ABIN892142

## anti-JMJD7-PLA2G4B antibody (AA 301-400) (AbBy Fluor® 350)

### 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 AbBy Fluor® 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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 ( <a href="#">JMJD7-PLA2G4B Products</a> )
Background:	Synonyms: CPLA2 beta, Cytosolic phospholipase A2 beta, DKFZp686N12131, FLJ17693,

## Target Details

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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.

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Gene ID: 8681

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

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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

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Storage: -20 °C

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

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Expiry Date: 12 months