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# anti-JMJD7-PLA2G4B antibody (AA 301-400) (Cy5.5)



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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 Cy5.5
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 (JMJD7-PLA2G4B Products)	
Background: Synonyms: CPLA2 beta, Cytosolic phospholipase A2 beta, DKFZp686N12131, FLJ1769		

FLJ4	42498, FLJ531/3, PA24B_HUMAN, Hs I16992, OTTHUMP00000201605,
OTT	HUMP00000210673, Phospholipase A2 group IVB, Phospholipase A2, group IVB cytosolic,
PLA:	2G4B.

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	
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Pathways: ER-Nucleus Signaling, VEGF Signaling

## **Application Details**

Restrictions:	For Research Use only
	IF(ICC) 1:50-200
	IF(IHC-F) 1:50-200
Application Notes:	IF(IHC-P) 1:50-200

### 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months