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Datasheet for ABIN704010

anti-JMJD7-PLA2G4B antibody (AA 301-400) (Cy5)

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 Cy5
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, 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:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months