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Datasheet for ABIN681106
anti-LPAR1 antibody (AA 281-364) (Cy3)

Overview

Quantity:	100 µL
Target:	LPAR1
Binding Specificity:	AA 281-364
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPAR1 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EDG2/LPAR1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	LPAR1
Alternative Name:	LPAR1 (LPAR1 Products)
Background:	Synonyms: EDG2, LPA1, VZG1, GPR26, edg-2, vzg-1, Gpcr26, Mrec1.3, rec.1.3, Lysophosphatidic

Target Details

acid receptor 1, LPA receptor 1, LPA-1, Lysophosphatidic acid receptor Edg-2, LPAR1

Background: Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities.

Seems to be coupled to the G(i)/G(o), G(12)/G(13), and G(q) families of heteromeric G proteins.

Stimulates phospholipase C (PLC) activity in a manner that is dependent on RALA activation.

Gene ID: 1902

UniProt: [Q92633](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: IF(IHC-P) 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
