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Datasheet for ABIN6987767  
**anti-LPAR1 antibody (AA 1-50) (HRP)**

### Overview

Quantity:	100 µL
Target:	LPAR1
Binding Specificity:	AA 1-50
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPAR1 antibody is conjugated to HRP
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LPA1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	LPAR1
Alternative Name:	LPA1 ( <a href="#">LPAR1 Products</a> )
Background:	Synonyms: EDG 2, Endothelial Cell Differentiation Gene-2, Endothelial differentiation gene 2,

## Target Details

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Endothelial Differentiation Lysophosphatidic Acid G Protein Coupled Receptor 2, G10 protein homolog, GPCR 26, GPCR26, Gpcr91, Kdt2, LPA 1, LPA receptor 1, LPA receptor EDG2, LPA1, LPAR1, Lysophosphatidic acid receptor 1, Lysophosphatidic acid receptor EDG2, MGC105279, MGC29102, LPAR1\_HUMAN.

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.

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Gene ID: 1902

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UniProt: [Q92633](#)

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

## Application Details

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Application Notes: IHC-P 1:200-400

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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