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Datasheet for ABIN6982846

anti-LPAR1 antibody (AA 1-50) (Biotin)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | LPAR1 |
| Binding Specificity: | AA 1-50 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LPAR1 antibody is conjugated to Biotin |
| 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 (LPAR1 Products) |
| Background: | Synonyms: EDG 2, Endothelial Cell Differentiation Gene-2, Endothelial differentiation gene 2, |

Target Details

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.

Gene ID: 1902

UniProt: [Q92633](#)

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

Application Details

Application Notes: IHC-P 1:200-400

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 for 12 months.

Expiry Date: 12 months