

Datasheet for ABIN7158748
anti-LPAR4 antibody (AA 1-43)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	LPAR4
Binding Specificity:	AA 1-43
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPAR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Lysophosphatidic acid receptor 4 protein (1-43AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	LPAR4
Alternative Name:	LPAR4 (LPAR4 Products)
Background:	Background: Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Transduces a signal by increasing the intracellular calcium ions and by stimulating adenylyl

Target Details

cyclase activity. The rank order of potency for agonists of this receptor is 1-oleoyl- > 1-stearoyl- > 1-palmitoyl- > 1-myristoyl- > 1-alkyl- > 1-alkenyl-LPA.

Aliases: 5730485F04Rik antibody, G protein coupled receptor 23 antibody, G-protein coupled receptor 23 antibody, GPR23 antibody, LPA receptor 4 antibody, LPA-4 antibody, LPA4 antibody, Lpar4 antibody, LPAR4_HUMAN antibody, Lysophosphatidic acid receptor 4 antibody, Lysophosphatidic Acid Receptor P2Y9 antibody, P2RY9 antibody, P2Y purinoceptor 9 antibody, P2Y5 like antibody, P2Y5-like receptor antibody, P2Y9 antibody, Purinergic receptor 9 antibody, Purinergic receptor, P2Y, G-protein coupled, 9 antibody

UniProt: [Q99677](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

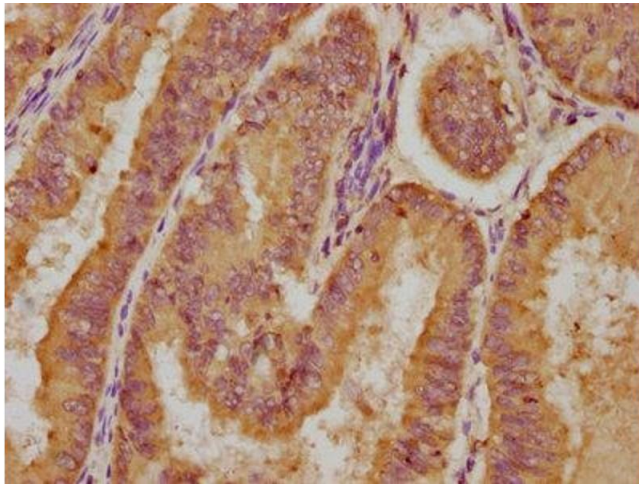
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



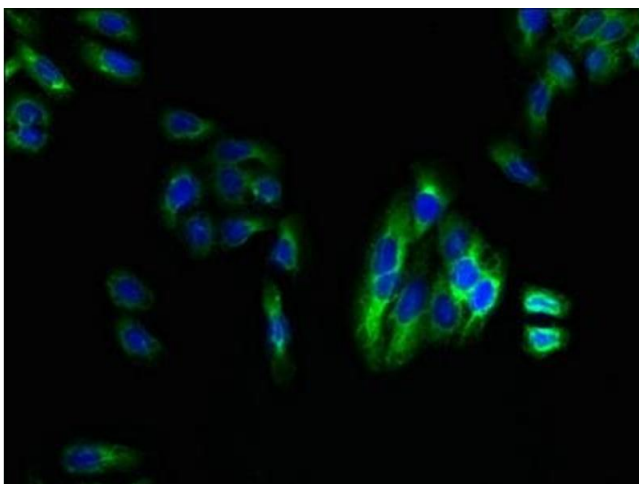
Immunohistochemistry

Image 1. IHC image of ABIN7158748 diluted at 1:200 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western blot All lanes: LPAR4 antibody at 4 µg/mL + Mouse kidney tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 42 kDa Observed band size: 42 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7158748 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)