

Datasheet for ABIN7139908
anti-EDG4 antibody (AA 8-27)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	EDG4 (LPAR2)
Binding Specificity:	AA 8-27
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EDG4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence from Human Lysophosphatidic acid receptor 2 protein (8-27AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EDG4 (LPAR2)
Alternative Name:	LPAR2 (LPAR2 Products)
Background:	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.

Target Details

Plays a key role in phospholipase C-beta (PLC-beta) signaling pathway. Stimulates phospholipase C (PLC) activity in a manner that is independent of RALA activation.

Aliases: EDG 4 antibody, EDG-4 antibody, EDG4 antibody, Endothelial Cell Differentiation Gene 4 antibody, Endothelial differentiation lysophosphatidic acid G protein coupled receptor 4 antibody, FLJ93869 antibody, G protein coupled receptor antibody, LPA2 antibody, LPA 2 antibody, LPA receptor 2 antibody, LPA receptor EDG4 antibody, LPA-2 antibody, LPA2 antibody, LPAR2 antibody, LPAR2_HUMAN antibody, Lysophosphatidic acid receptor 2 antibody, Lysophosphatidic acid receptor Edg 4 antibody, Lysophosphatidic acid receptor Edg-4 antibody, Lysophosphatidic acid receptor EDG4 antibody

UniProt: [Q9HBW0](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

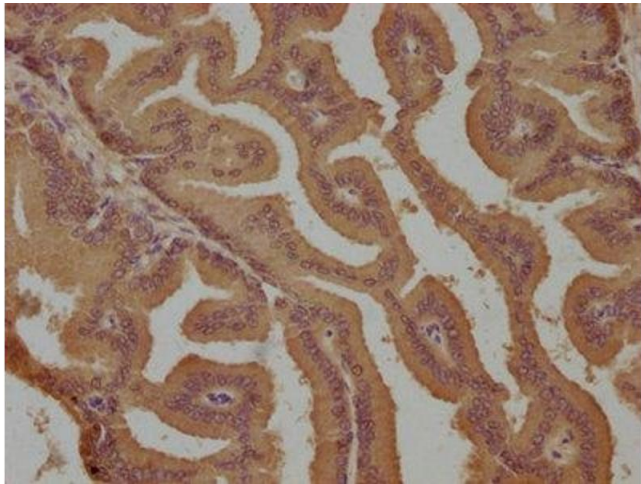
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

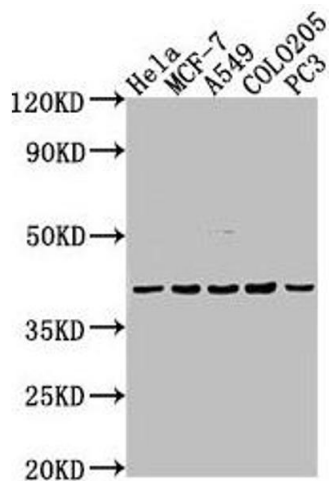
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7139908 diluted at 1:800 and staining in paraffin-embedded human prostate tissue 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 30 min 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 Positive WB detected in: HeLa whole cell lysate, MCF-7 whole cell lysate, A549 whole cell lysate, COLO205 whole cell lysate, PC-3 whole cell lysate All lanes: LPAR2 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40 kDa Observed band size: 40 kDa