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Datasheet for ABIN2857017 anti-LPAR3 antibody

4 Images



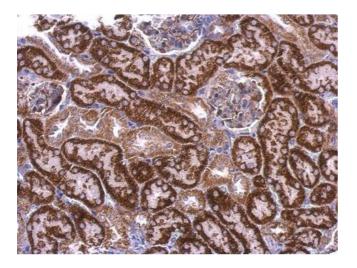
## Overview

Quantity:	100 μL
Target:	LPAR3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPAR3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region
	of human EDG7. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to EDG7 (lysophosphatidic acid receptor 3)
	EDG7 antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	LPAR3
Alternative Name:	lysophosphatidic acid receptor 3 (LPAR3 Products)

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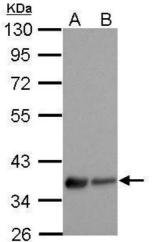
Target Details		
Background:	This gene encodes a member of the G protein-coupled receptor family, as well as the EDG family of proteins. This protein functions as a cellular receptor for lysophosphatidic acid and mediates lysophosphatidic acid-evoked calcium mobilization. This receptor couples predominantly to G(q/11) alpha proteins.	
	Cellular Localization: Cell membrane, Multi-pass membrane protein	
Molecular Weight:	40 kDa	
Gene ID:	23566	
UniProt:	Q9UBY5	
Pathways:	Regulation of Cell Size	
Application Details		
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined	
	by the researcher. Not tested in other applications.	
Comment:	Positive Control: NT2D1 , PC-3	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	1XPBS ( pH 7), 20 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	

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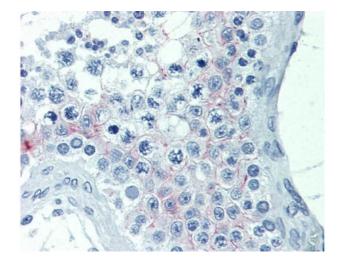
### Immunohistochemistry

**Image 1.** IHC-P Image EDG7 antibody [N3C2], Internal detects EDG7 protein at cytosol on mouse kidney by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. EDG7 antibody [N3C2], Internal , dilution: 1:500.



### Western Blotting

**Image 2.** WB Image EDG7 antibody [N3C2], Internal detects LPAR3 protein by Western blot analysis. A. 30 µg NT2D1 whole cell lysate/extract B. 30 µg PC-3 whole cell lysate/extract 10 % SDS-PAGE EDG7 antibody [N3C2], Internal, dilution: 1:1000



#### Immunohistochemistry

**Image 3.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human testis, using EDG7, antibody(20  $\mu$  g/ml).

Please check the product details page for more images. Overall 4 images are available for ABIN2857017.

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