

Datasheet for ABIN894920

anti-LPAR1 antibody (AA 281-364) (AbBy Fluor® 488)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LPAR1
Binding Specificity:	AA 281-364
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPAR1 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EDG2/LPAR1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	LPAR1
Alternative Name:	LPAR1 (LPAR1 Products)
Background:	Synonyms: EDG2, LPA1, VZG1, GPR26, edg-2, vzg-1, Gpcr26, Mrec1.3, rec.1.3, Lysophosphatidic

Target Details

	acid receptor 1, LPA receptor 1, LPA-1, Lysophosphatidic acid receptor Edg-2, LPAR1 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:	IF(IHC-P) 1:50-200
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months