

LPAR4 Polyclonal Antibody

Catalog NumberPA5-33897

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Dog, Human, Pig, Rabbit
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	10-20 µg/mL
Immunogen	Synthetic 18 amino acid peptide from C-Terminus of human LPAR4 / GPR23.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey, Elephant, Panda, Bovine, Dog, Rabbit, Pig (100%).

Background/Target Information

EDG4 belongs to a family of G-protein coupled receptors whose ligands are lysophospholipids. There are eight known members of the EDG receptor family and they are implicated in mediating growth-related effects such as induction of cellular proliferation, alterations in differentiation and survival, and suppression of apoptosis. They also evoke cellular effector functions that are dependent on cytoskeletal responses such as contraction, secretion, adhesion and chemotaxis. EDG receptors are developmentally regulated and differ in tissue distribution. They couple to multiple types of G proteins to signal through ras and MAP kinase, rho, phospholipase C, and several protein tyrosine kinases. EDG4 is expressed in testes, ovarian tumor, and leukocyte containing tissues.

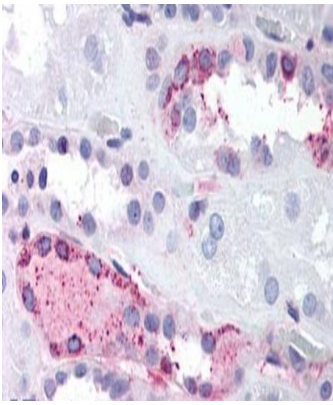
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Product Images For LPAR4 Polyclonal Antibody



LPAR4 Antibody (PA5-33897) in IHC (P)

Immunohistochemical analysis of formalin-fixed paraffin-embedded human kidney using a GPR23 polyclonal antibody (Product # PA5-33897). Heat-induced antigen retrieval was performed prior to staining.

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