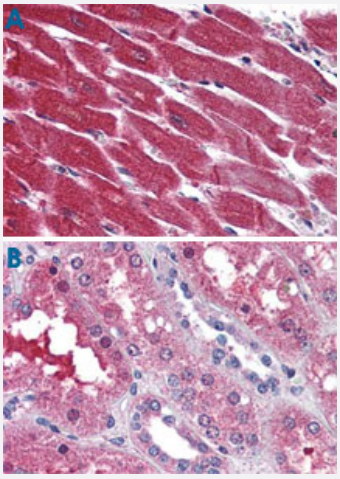
S1PR3 polyclonal antibody

Catalog # PAB26238 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human heart (A) and human kidney tissue (B) with S1PR3 polyclonal antibody (Cat # PAB26238). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of S1PR3.
Immunogen	A synthetic peptide corresponding to 19 amino acid at N-terminus of human S1PR3.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NAA16 (53%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — S1PR3

Entrez GeneID	1903
Protein Accession#	Q99500
Gene Name	S1PR3
Gene Alias	EDG-3, EDG3, FLJ37523, FLJ93220, LPB3, MGC71696, S1P3
Gene Description	sphingosine-1-phosphate receptor 3
Omim ID	601965
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the EDG family of receptors, which are G protein-coupled recept ors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and lik ely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided b y RefSeq
Other Designations	G protein-coupled receptor, endothelial differentiation gene-3|OTTHUMP00000021612|S1P rece ptor EDG3|endothelial differentiation, sphingolipid G-protein-coupled receptor, 3|sphingosine 1-p hosphate receptor 3

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema