Datasheet for ABIN337001

anti-S1PR3 antibody (AA 12-25)

2 Images

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Overview

Quantity:	50 µg
Target:	S1PR3
Binding Specificity:	AA 12-25
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide corresponding to aa12-25 [VRGNETLREHYQYV] of human EDG 3 protein. Species sequence Homology: Mouse, rat: 79% (11/14). Percent identity by BLAST analysis: Human, Gorilla (100%), Gibbon (93%), Marmoset (86%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes human EDG 3 receptor at ~47kD in human cerebral cortex. Liver and heart tissues display 2-3 bands between 40-50kD, possibly due to different degrees of glycosylation.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla (100%) Gibbon (93%) Marmoset (86%).

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Product Details

Purification:	Immunoaffinity purified

Target Details

Target:	S1PR3
Alternative Name:	SIPR3 / EDG3 / S1P3 (S1PR3 Products)
Background:	Name/Gene ID: S1PR3 Subfamily: Lysophospholipid/Lysosphingolipid Family: GPCR Synonyms: S1PR3, EDG-3, EDG3, LPB3, S1P receptor EDG3, S1P3, S1P receptor Edg-3, S1P receptor 3
Gene ID:	1903
UniProt:	Q99500

Application Details

Application Notes:	Approved: ICC, IHC, IHC-P (10 µg/mL), WB (3 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	TBS, pH 7.4, 5 mg/mL BSA

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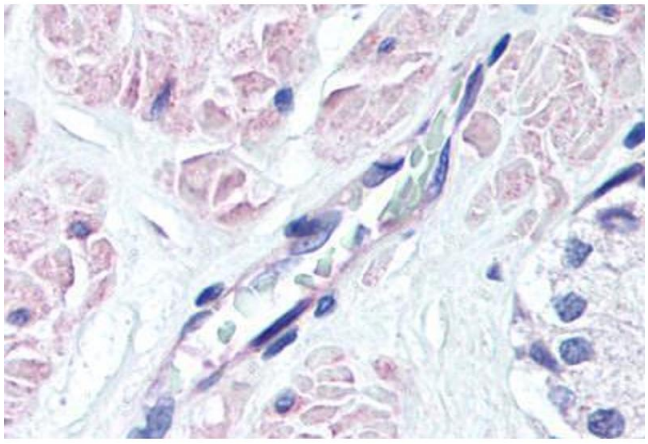
Handling

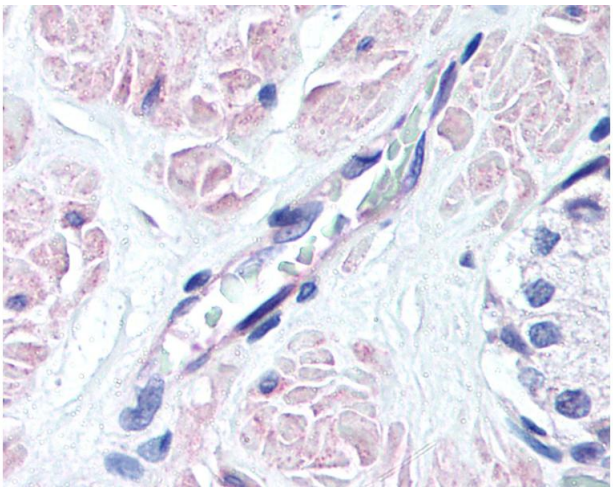
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Prostate, Vessel (formalin-fixed, paraffin-embedded) stained with S1PR3 antibody ABIN337001 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-EDG3 antibody IHC of human prostate, vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

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