

Datasheet for ABIN545642
anti-S1PR1 antibody (N-Term)[Go to Product page](#)[2 Images](#)[3 Publications](#)

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | S1PR1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This S1PR1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-------------------|---|
| Purpose: | Rabbit polyclonal antibody raised against synthetic peptide of S1PR1. |
| Immunogen: | A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human S1PR1. |
| Cross-Reactivity: | Human, Mouse |

Target Details

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|-------------------|--|
| Target: | S1PR1 |
| Alternative Name: | EDG-1 / S1P1 (S1PR1 Products) |
| Gene ID: | 1901 |
| Pathways: | Signaling Events mediated by VEGFR1 and VEGFR2 |

Application Details

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|--------------------|---|
| Application Notes: | ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user. |
|--------------------|---|

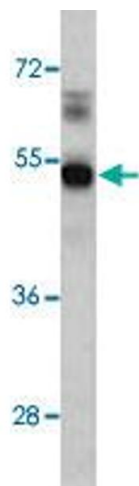
| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | In PBS (0.09 % sodium azide) |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |

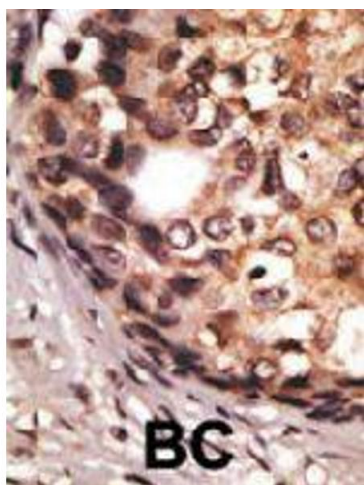
Publications

| | |
|-------------------|--|
| Product cited in: | zu Heringdorf, Vincent, Lipinski, Danneberg, Stropp, Wang, Tigyi, Jakobs: "Inhibition of Ca(2+) signalling by the sphingosine 1-phosphate receptor S1P(1)." in: Cellular signalling , Vol. 15, Issue 7, pp. 677-87, (2003) (PubMed). |
| | Dorsam, Graeler, Seroogy, Kong, Voice, Goetzl: "Transduction of multiple effects of sphingosine 1-phosphate (S1P) on T cell functions by the S1P1 G protein-coupled receptor." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 171, Issue 7, pp. 3500-7, (2003) (PubMed). |
| | Watterson, Johnston, Chalmers, Pronin, Cook, Benovic, Palmer: "Dual regulation of EDG1/S1P(1) receptor phosphorylation and internalization by protein kinase C and G-protein-coupled receptor kinase 2." in: The Journal of biological chemistry , Vol. 277, Issue 8, pp. 5767-77, (2002) (PubMed). |



Western Blotting

Image 1. Western blot analysis of mouse lung tissue lysate (35 ug/lane) with S1PR1 polyclonal antibody .



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human cancer tissue reacted with S1PR1 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. BC = breast carcinoma.