9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 11-10017: Polyclonal Antibody to S1P3 receptor, Edg-3

| | |
|---|---|
| **Clonality :** | Polyclonal |
| **Application :** | WB |
| **Reactivity :** | Human |
| **Gene :** | S1PR3 |
| **Gene ID :** | 1903 |
| **Uniprot ID :** | Q99500 |
| **Format :** | Purified |
| **Alternative Name :** | S1PR3,EDG3 |
| **Isotype :** | Rabbit IgG |
| **Immunogen Information :** | A partial length recombinant S1P3 receptor, Edg-3 protein (amino acids 80-350) was used as the immunogen for this antibody. |

## Description

S1PR3 (sphingosine-1phosphate receptor3) is a vascular barrier regulatory member of the S1P family of receptors (S1PR15) and a critical signaling molecule mediating cell proliferation, adhesion, angiogenesis, and vascular permeability. In a nitrated form protein in plasma it is found as a biomarker in patients with ALI (acute lung injury). S1PR3 plays an important role in promoting pulmonary inflammation, disrupting cell-cell junctions, and increasing lung permeability and alveolar flooding during inflammation.

## Product Info

| | |
|---|---|
| **Amount :** | 25 µg / 100 µg |
| **Purification :** | Protein A Chromatography |
| **Content :** | 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| **Storage condition :** | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

## Application Note

Western blot analysis: 2-4 µg/ml

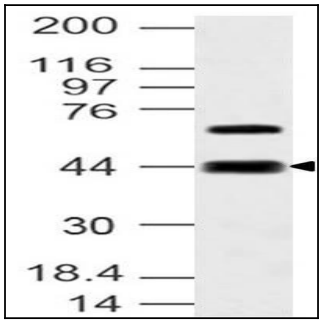



Fig-1: Western blot analysis of S1P3 receptor, Edg-3. Anti- S1P3 receptor, Edg-3 antibody (11-10017) was used at 4 µg/ml on Liver lysate.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***