

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

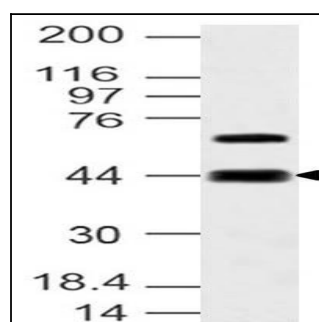


Fig-1: Western blot analysis of S1P3 receptor, Edg-3. Anti- S1P3 receptor, Edg-3 antibody (11-10017) was used at 4 µg/ml on Liver lysate.