

## Anti-EDG-6 S1PR4 Antibody

Catalog Number: A09413-1

### About S1PR4

Activator of LATS1/2 in the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Phosphorylation of YAP1 by LATS1/2 inhibits its translocation into the nucleus to regulate cellular genes important for cell proliferation, cell death, and cell migration. Stimulates the kinase activity of STK38L.

Florindo C.S., Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Devroe E., J. Biol. Chem. 279:24444-24451(2004).

### Overview

Product Name	Anti-EDG-6 S1PR4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-EDG-6 S1PR4 Antibody catalog # A09413-1. Tested in WB,IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O95977

### Technical Details

Immunogen	Synthetic peptide, corresponding to amino acids 275-335 of Human DC-LAMP.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p> <p>IF: 1:50-1:200</p>

## Anti-EDG-6 S1PR4 Antibody (A09413-1) Images

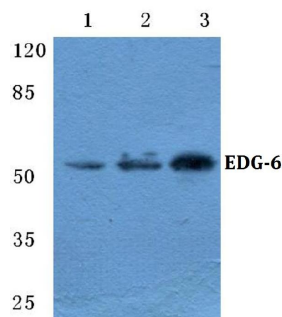


Figure 1. Western blotting validation for Anti-EDG-6 S1PR4 Antibody A09413-1

Western blot (WB) analysis of EDG-6 polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:Mouse liver tissue lysate

Lane3:H9C2 cell lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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