

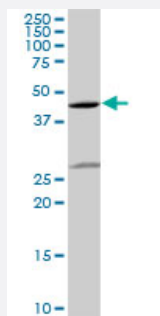
MaxPab®

EDG1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001901-D01P

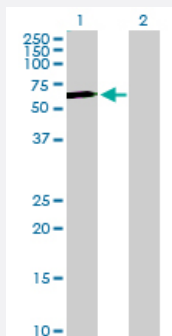
Size 100 ug

Applications



Western Blot (Tissue lysate)

EDG1 MaxPab rabbit polyclonal antibody. Western Blot analysis of EDG1 expression in mouse lung.



Western Blot (Transfected lysate)

Western Blot analysis of S1PR1 expression in transfected 293T cell line ([H00001901-T01](#)) by S1PR1 MaxPab polyclonal antibody.

Lane 1: EDG1 transfected lysate(42.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human EDG1 protein.

Immunogen

EDG1 (NP_001391.2, 1 a.a. ~ 382 a.a) full-length human protein.

Sequence

MGPTSVPLVKAHRSSVSDYVNYDIIVRHNYTGKLNISADKENSIKLTSVVFILICCFIILENIFVLLTWK
TKKFHRPMYYFIGNLALSDLLAGVAYTANLLLSGATTYKLTTPAQWFLREGSMFVALSASVFSLLAIAI
ERYTMLKMKLHNGSNNFRLFLLISACWVISLILGGLPIMGWNCISALSSCSTVLPYHKHYLFCTTV
FTLLLSMILYCRIYSLVRTRSRLTFRKNISKASRSSEKSLALLKTVIMLSVFIACWAPLFILLLLDVG
CKVKTCIDILFRAEYFLVLAVLNSGTNPITYLTNEMRRRAFIRIMSCCKCPSGDSAGKFKRPIAGME
FSRSKSDNSSHPQKDEGDNPETIMSSGNVNSSS

Host

Rabbit

Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

EDG1 MaxPab rabbit polyclonal antibody. Western Blot analysis of EDG1 expression in mouse lung.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of S1PR1 expression in transfected 293T cell line ([H00001901-T01](#)) by S1PR1 MaxPab polyclonal antibody.

Lane 1: EDG1 transfected lysate(42.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — S1PR1

Entrez GeneID	1901
GeneBank Accession#	NM_001400
Protein Accession#	NP_001391.2
Gene Name	S1PR1
Gene Alias	CHEDG1, D1S3362, ECGF1, EDG-1, EDG1, FLJ58121, S1P1
Gene Description	sphingosine-1-phosphate receptor 1
Omim ID	601974
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. [provided by RefSeq]

Other Designations

G protein-coupled sphingolipid receptor|OTTHUMP00000012525|endothelial differentiation, sphingolipid G-protein-coupled receptor, 1|sphingosine 1-phosphate receptor EDG1

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Myocardial Infarction](#)
- [Stroke](#)