

Rabbit anti-Human, Mouse EDG6 Polyclonal Antibody | anti-EDG6 antibody

EDG6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325488	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

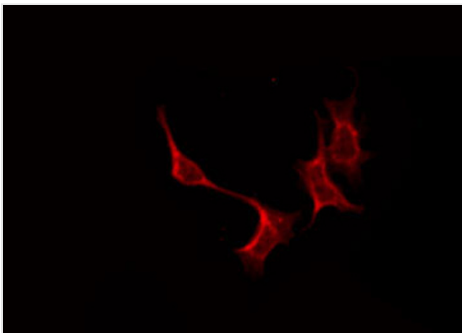
PRODUCT SYNONYMS

EDG6; Polyclonal Antibody; EDG6 Antibody; Endothelial differentiation lysophosphatidic acid G protein coupled receptor 6; Endothelial differentiation G protein coupled receptor 6; Endothelial differentiation G-protein coupled receptor 6; Endothelial differentiation gene 6; LPC1; Lysophospholipid receptor C1; MGC129298; Putative G protein coupled receptor; S1P receptor 4; S1P receptor Edg-6; S1P receptor Edg6; S1P4; S1PR4; S1PR4_HUMAN; SLP4; Sphingosine 1 phosphate receptor 4; Sphingosine 1 phosphate receptor Edg6; Sphingosine 1-phosphate receptor 4; Sphingosine 1-phosphate receptor Edg-6; anti-EDG6 antibody

PRODUCT SPECIFICATIONS

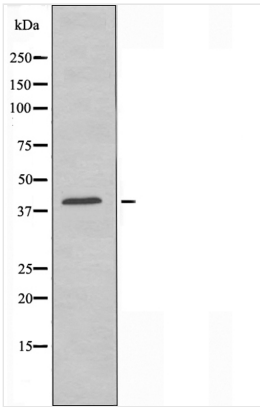
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	EDG6 antibody detects endogenous levels of total EDG6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	384
Applicable Applications for anti-EDG6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Specifically expressed in fetal and adult lymphoid and hematopoietic tissue as well as in lung. Considerable level of expression in adult and fetal spleen as well as adult peripheral leukocytes and lung. Lower expression in adult thymus, lymph node, bone marrow, and appendix as well as in fetal liver, thymus, and lung.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325488 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using EDG6 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EDG6 antibody	Function: Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. May be involved in cell migration processes that are specific for lymphocytes. Similarity: Belongs to the G-protein coupled receptor 1 family.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503459
NCBI GeneID	8698
NCBI Accession #	NP_003766.1
NCBI GenBank Nucleotide #	NM_003775.3
UniProt Accession #	O95977; D6W612
Molecular Weight	Observed: 40 kD Predicted: 42 kDa
NCBI Official Full Name	sphingosine 1-phosphate receptor 4
NCBI Official Synonym Full Names	sphingosine-1-phosphate receptor 4
NCBI Official Symbol	S1PR4
NCBI Official Synonym Symbols	EDG6; LPC1; S1P4; SLP4
NCBI Protein Information	sphingosine 1-phosphate receptor 4
UniProt Protein Name	Sphingosine 1-phosphate receptor 4
UniProt Gene Name	S1PR4
UniProt Synonym Gene Names	EDG6; S1P receptor 4; S1P4; S1P receptor Edg-6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/edg6-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325488>