

Rabbit anti-Human, Mouse EDG8 Polyclonal Antibody | anti-EDG8 antibody

EDG8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323551	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EDG8; Polyclonal Antibody; EDG8 Antibody; EDG 8; EDG8 S1P receptor; Endothelial differentiation G protein coupled receptor 8; Endothelial differentiation G-protein-coupled receptor 8; Endothelial Differentiation Gene 8; Endothelial differentiation sphingolipid G protein coupled receptor 8; S1P receptor 5; S1P receptor Edg 8; S1P receptor Edg-8; S1P receptor Edg8; S1P5; S1PR5; S1PR5_HUMAN; Sphingosine 1 Phosphate Receptor 5; Sphingosine 1 phosphate receptor Edg 8; Sphingosine 1 phosphate receptor Edg8; Sphingosine 1-phosphate receptor 5; Sphingosine 1-phosphate receptor Edg-8; SPPR 1; SPPR 2; SPPR1; SPPR2; anti-EDG8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	EDG8 antibody detects endogenous levels of total EDG8
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	398
Applicable Applications for anti-EDG8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Widely expressed in the brain, most prominently in the corpus callosum, which is predominantly white matter. Detected in spleen, peripheral blood leukocytes, placenta, lung, aorta and fetal spleen. Low-level signal detected in many tissue extracts. Overexpressed in leukemic large granular lymphocytes. Isoform 1 is predominantly expressed in peripheral tissues. Isoform 2 is expressed in brain, spleen and peripheral blood leukocytes.
Predicted Cross Reactivity	Pig, Bovine
Similarity	Pig (100%), Bovine (100%)
Conjugation	Unconjugated

IMAGES



IHC (Immunohiostchemistry)
AAA323551 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of EDG8 expression in HEK293 cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EDG8 antibody	Description: 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. Is coupled to both the G(i/o)alpha and G(12) subclass of heteromeric G-proteins (By similarity). May play a regulatory role in the transformation of radial glial cells into astrocytes and may affect proliferative activity of these cells. Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	261278306
NCBI GeneID	53637
NCBI Accession #	NP_001159687.1
NCBI GenBank Nucleotide #	NM_001166215.1
UniProt Accession #	Q9H228; Q6NW11
Molecular Weight	Observed: 41 kDa Predicted: 42 kDa
NCBI Official Full Name	sphingosine 1-phosphate receptor 5
NCBI Official Synonym Full Names	sphingosine-1-phosphate receptor 5
NCBI Official Symbol	S1PR5
NCBI Official Synonym Symbols	EDG8; S1P5; Edg-8; SPPR-1; SPPR-2
NCBI Protein Information	sphingosine 1-phosphate receptor 5
UniProt Protein Name	Sphingosine 1-phosphate receptor 5
UniProt Gene Name	S1PR5
UniProt Synonym Gene Names	EDG8; S1P receptor 5; S1P5; S1P receptor Edg-8

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/edg8-antibody-immunohistochemistry-western-blot-elisa/323551>