



# EDG-3 rabbit pAb

Cat No.:ES5043

For research use only

## Overview

<b>Product Name</b>	EDG-3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human EDG3. AA range:115-164
<b>Specificity</b>	EDG-3 Polyclonal Antibody detects endogenous levels of EDG-3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Sphingosine 1-phosphate receptor 3
<b>Gene Name</b>	S1PR3
<b>Cellular localization</b>	Cell membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	42kD
<b>Human Gene ID</b>	1903
<b>Human Swiss-Prot Number</b>	Q99500
<b>Alternative Names</b>	S1PR3; EDG3; Sphingosine 1-phosphate receptor 3; S1P receptor 3; S1P3; Endothelial differentiation G-protein coupled receptor 3; Sphingosine 1-phosphate receptor Edg-3; S1P receptor Edg-3
<b>Background</b>	This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional





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receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided by RefSeq, Jul 2008],



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