

ECSCR Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18022b

Product Information

Application	WB, E
Primary Accession	Q19T08
Other Accession	NP_001071161.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25977
Calculated MW	21295
Antigen Region	137-165

Additional Information

Gene ID	641700
Other Names	Endothelial cell-specific chemotaxis regulator, Apoptosis regulator through modulating IAP expression, ARIA, Endothelial cell-specific molecule 2, ECSCR, ECSM2
Target/Specificity	This ECSCR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 137-165 amino acids from the C-terminal region of human ECSCR.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ECSCR Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ECSCR
Synonyms	ECSM2

Function	Regulates endothelial chemotaxis and tube formation. Has a role in angiogenesis and apoptosis via modulation of the actin cytoskeleton and facilitation of proteasomal degradation of the apoptosis inhibitors BIRC3/IAP1 and BIRC2/IAP2.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cytoplasm
Tissue Location	Highest expression in endothelial cells. Also detected in vascular smooth muscle, macrophages, lymphocytes, and mast cells.

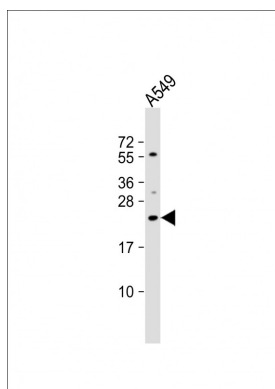
Background

The protein encoded by this gene is primarily found in endothelial cells and blood vessels, where it may be involved in cell shape changes and EGF-induced cell migration. This gene could play a role in angiogenesis-related diseases.

References

Ikeda, K., et al. Proc. Natl. Acad. Sci. U.S.A. 106(20):8227-8232(2009)
Ma, F., et al. Genes Cells 14(3):281-293(2009)
Graubert, T.A., et al. PLoS ONE 4 (2), E4583 (2009) :
Armstrong, L.J., et al. Arterioscler. Thromb. Vasc. Biol. 28(9):1640-1646(2008)

Images



Anti-ECSCR Antibody (C-term) at 1:1000 dilution + A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.