

Rabbit anti-Human ECSCR Polyclonal Antibody | anti-ECSCR antibody

ECSCR Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286000	Rabbit	Human	ELISA, Western Blot

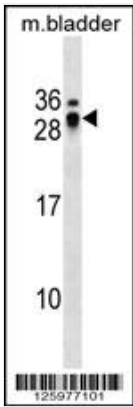
PRODUCT SYNONYMS

ECSCR; Polyclonal Antibody; ECSCR Antibody (C-term); Endothelial cell-specific chemotaxis regulator; Apoptosis regulator through modulating IAP expression; ARIA; Endothelial cell-specific molecule 2; ECSM2; anti-ECSCR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Form/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.
Sequence Positions	137-165
Sequence Length	205
Applicable Applications for anti-ECSCR antibody	ELISA, WB (Western Blot)
Antigen Region	137-165
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.
Preparation and Storage	Maintain refrigerated at 2-8°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-ECSCR Antibody (C-term) at 1:1000 dilution + A549 whole cell lysate Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-ECSCR antibody	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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	118130809
NCBI GeneID	641700
NCBI Accession #	NP_001071161.1
NCBI GenBank Nucleotide #	NM_001077693.3
UniProt Accession #	Q19T08; B4E3H7; C3RSF2
Molecular Weight	Calculated MW: 21295
NCBI Official Full Name	endothelial cell-specific chemotaxis regulator isoform 1
NCBI Official Synonym Full Names	endothelial cell surface expressed chemotaxis and apoptosis regulator
NCBI Official Symbol	ECSCR
NCBI Official Synonym Symbols	ARIA; ECSM2
NCBI Protein Information	endothelial cell-specific chemotaxis regulator
UniProt Protein Name	Endothelial cell-specific chemotaxis regulator
UniProt Gene Name	ECSCR
UniProt Synonym Gene Names	ECSM2; ARIA
UniProt Entry Name	ECSCR_HUMAN

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://www.aaabiotech.com/polyclonal/ecscr-antibody-western-blot-elisa/286000>