

Rabbit anti-Human SPARCL1 Polyclonal Antibody | anti-SPARCL1 antibody

Anti-SPARCL1 Antibody, Rabbit Polyclonal

CATALOG # AAA254249	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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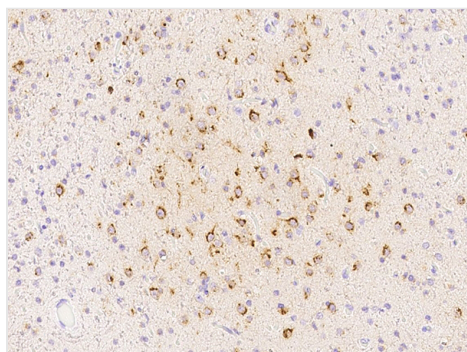
PRODUCT SYNONYMS

SPARCL1; Polyclonal Antibody; Anti-SPARCL1 Antibody; Rabbit Polyclonal; SPARCL1/SPARC-like 1 Antibody; Rabbit PAb; Antigen Affinity Purified; SPARC like 1; Anti-MAST 9 Antibody; Anti-MAST9 Antibody; Anti-PIG33 Antibody; Anti-SC1 Antibody; anti-SPARCL1 antibody

PRODUCT SPECIFICATIONS

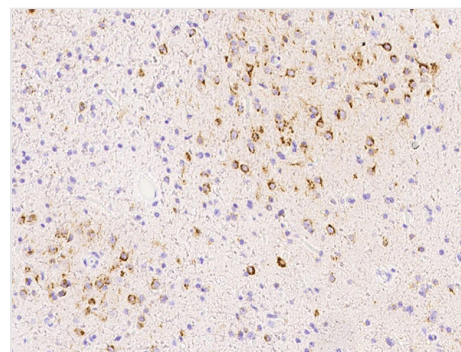
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SPARCL1/SPARC-like 1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SPARCL1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human SPARCL1/SPARC-like 1 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human SPARCL1/SPARC-like 1 (rh SPARCL1/SPARC-like 1). SPARCL1/SPARC-like 1 specific IgG was purified by Human SPARCL1/SPARC-like 1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SPARCL1 in human brain with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SPARCL1 in human brain with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SPARCL1 antibody	SPARC-like protein 1 (SPARCL1; also known as SC1, high endothelial venule protein, or hevin) is an extracellular matrix-associated, secreted glycoprotein belonging to the secreted protein acidic and rich in cysteine (SPARC) family of matricellular proteins. It contains three conserved structural domains that are implicated in the regulation of cell adhesion, migration, and proliferation. SPARCL1 is expressed during embryogenesis and tissue remodeling and is especially prominent in brain and vasculature. Its down-regulation in a number of cancers and the possibility of its functional compensation by SPARC has led to recent interest in hevin as a tumor suppressor and regulator of angiogenesis. SPARCL1 has antiadhesive properties, and loss of SPARCL1 expression is associated with increased proliferative activity and cell cycle progression. It is suggested that it may influence multiple cellular processes during distinct stages of brain development and function. Besides, SPARCL1 can influence the function of astroglial cells in the developing and mature central nervous system (CNS).
References	Sullivan MM, et al. (2004) Hevin/SC1, a matricellular glycoprotein and potential tumor-suppressor of the SPARC/BM-40/Osteonectin family. Int J Biochem Cell Biol. 36(6): 991-6.Esposito I, et al. (2007) Tumor-suppressor function of SPARC-like protein 1/Hevin in pancreatic cancer. Neoplasia. 9(1): 8-17.Weimer JM, et al. (2008) A BAC transgenic mouse model to analyze the function of astroglial SPARCL1 (SC1) in the central nervous system. Glia. 56(9): 935-41.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190341024
NCBI GeneID	8404
NCBI Accession #	NP_004675.3
NCBI GenBank Nucleotide #	NM_004684.5
Molecular Weight	75,208 Da
NCBI Official Full Name	SPARC-like protein 1 isoform 1
NCBI Official Synonym Full Names	SPARC-like 1 (hevin)
NCBI Official Symbol	SPARCL1
NCBI Official Synonym Symbols	SC1; MAST9; PIG33; MAST 9
NCBI Protein Information	SPARC-like protein 1; high endothelial venule protein; proliferation-inducing protein 33

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/sparcl1-antibody-immunohistochemistry-elisa/254249>