



Rabbit Anti-SPARCL1 antibody

SL6110R

Product Name:	SPARCL1
Chinese Name:	Extracellular matrix蛋白2抗体
Alias:	Ecm2; SPRL1; RAGS1 antigen; Extracellular matrix protein 2; Hevin; High endothelial venule protein; MAST 9; mast9; Matrix glycoprotein Sc1; PIG33; proliferation inducing protein 33; SC1; SPARC like 1; SPARC-like protein 1; SPRL1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	74kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SPARCL1/Ecm2:601-664/664
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	SPARC (secreted protein acidic and rich in cysteine) is a phosphorylated, acidic, glycine-rich glycoprotein that is secreted by endothelial cells and is present in large amounts in the parietal endoderm of mouse embryos and in human placenta. SPARC-like protein 1 (SPARCL1), also known as high endothelial venule protein (Hevin) or MAST9, is a 664 amino acid member of the SPARC family of proteins. Highly

expressed in lymph node, heart, lung, brain, skeletal muscle, ovary, colon and small intestine, SPARCL1 is a secreted protein that contains one EF-hand domain, one follistatin-like domain and one Kazal-like domain. SPARCL1 is implicated to play a role in neuronal remodeling and tumor suppression. The gene encoding SPARCL1 maps to chromosome 4q22.1.

Subcellular Location:

Secreted, extracellular space, extracellular matrix.

Tissue Specificity:

Highly expressed in lymph node, brain, heart, lung, skeletal muscle, ovary, small intestine, and colon, with lower levels in placenta, pancreas, testis, spleen, and thymus, and no expression in kidney, liver, and peripheral blood leukocytes.

Post-translational modifications:

N- and O-glycosylated. O-glycosylated with a core 1 or possibly core 8 glycan. Thr-398 is the preferred site to Thr-399.

Similarity:

Belongs to the SPARC family.

Contains 1 EF-hand domain.

Contains 1 follistatin-like domain.

Contains 1 Kazal-like domain.

SWISS:

Q14515

Gene ID:

8404

Database links:

[Entrez Gene: 8404](#) Human

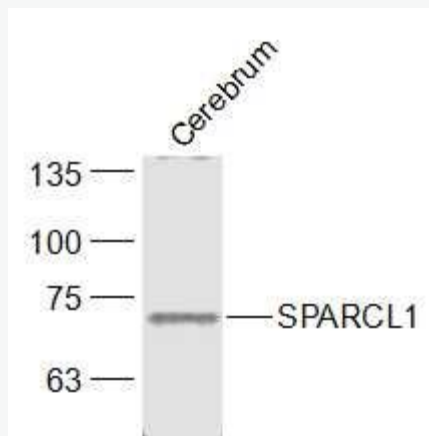
[Omim: 606041](#) Human

[SwissProt: Q14515](#) Human

[Unigene: 62886](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Sample:

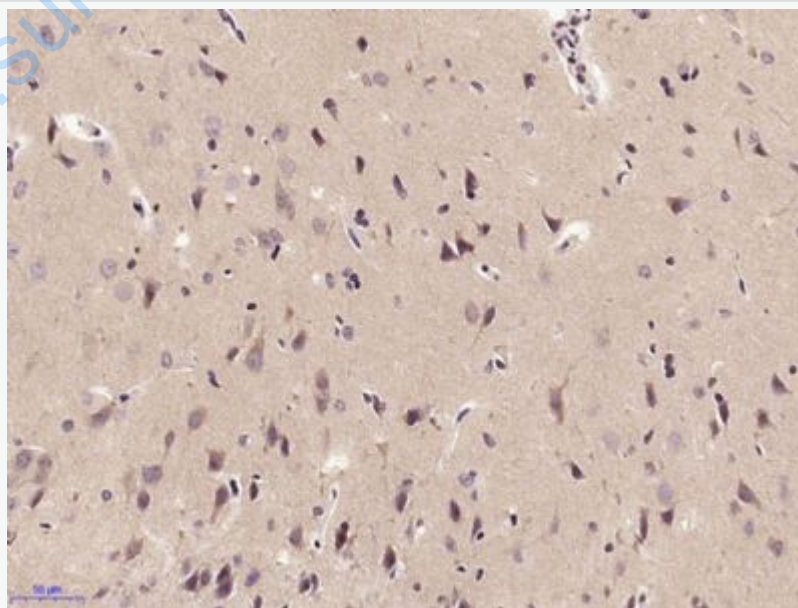
Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti-SPARCL1 (SL6110R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 74 kD

Observed band size: 73 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by

Picture:

microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (SPARCL1) Polyclonal Antibody, Unconjugated (SL6110R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP)and DAB staining.