

**Anti-SPARCL1 Antibody**  
**Catalog # ABO11395****Specification**

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**Anti-SPARCL1 Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">Q14515</a>
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for SPARC-like protein 1 (SPARCL1) detection. Tested with WB, IHC-P in Human; Mouse; Rat.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-SPARCL1 Antibody - Additional Information**

**Gene ID** 8404

**Other Names**

SPARC-like protein 1, High endothelial venule protein, Hevin, MAST 9, SPARCL1

**Calculated MW**

75208 MW KDa

**Application Details**

Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/ml, Human, Rat, Mouse, By Heat  
Western blot, 0.1-0.5 µg/ml, Human, Mouse, Rat

**Subcellular Localization**

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.

**Protein Name**

SPARC-like protein 1

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the C-terminus of human SPARCL1 (649-664aa HCFGKEEDIDENLLF), identical to the related mouse and rat sequences.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

**At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.**

**Sequence Similarities**

Belongs to the SPARC family.

**Anti-SPARCL1 Antibody - Protein Information****Name** SPARCL1**Cellular Location**

Secreted, extracellular space, extracellular matrix

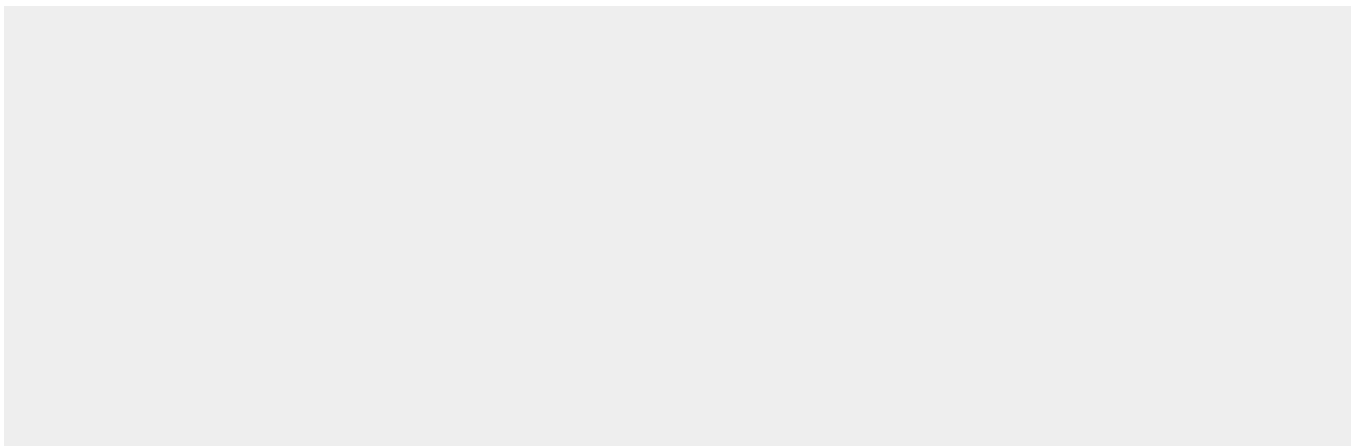
**Tissue Location**

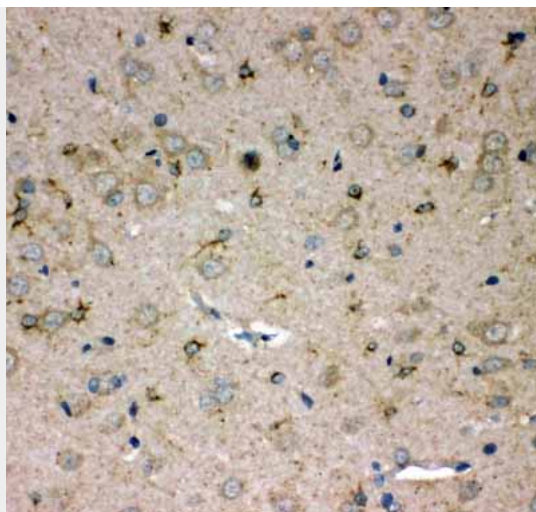
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**Anti-SPARCL1 Antibody - Protocols**

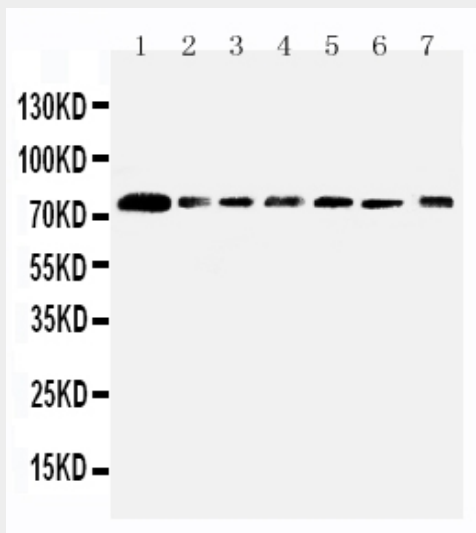
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

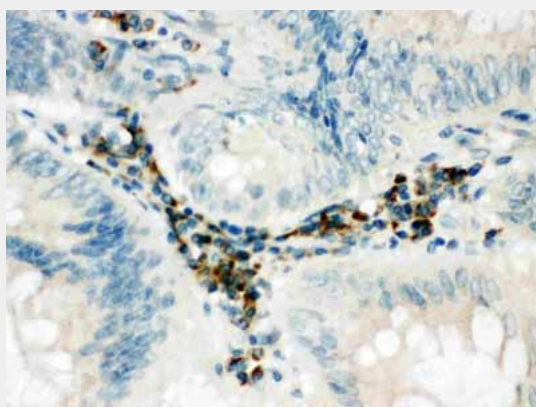
**Anti-SPARCL1 Antibody - Images**



Anti-SPARCL1 antibody, ABO11395, IHC(P)IHC(P): Rat Brain Tissue



Anti-SPARCL1 antibody, ABO11395, Western blotting  
Lane 1: Rat Lung Tissue Lysate  
Lane 2: Mouse Lung Tissue Lysate  
Lane 3: PANC Cell Lysate  
Lane 4: A549 Cell Lysate  
Lane 5: COLO320 Cell Lysate  
Lane 6: MCF-7 Cell Lysate  
Lane 7: HT1080 Cell Lysate



Anti-SPARCL1 antibody, ABO11395, IHC(P)IHC(P): Human Intestinal Cancer Tissue

### Anti-SPARCL1 Antibody - Background

SPARCL1 (SPARC-Like Protein 1), also known as HEVIN, is a protein that in humans is encoded by

the SPARCL1 gene. The cells in high endothelial venules(HEVs) in lymphoid tissues have a plump, almost cuboidal, appearance and support high levels of lymphocyte extravasation from blood, possibly due to the presence of desmosome-like junctions rather than tight junctions in the HEVs. In chronic inflammation, the activated endothelium of nonlymphoid tissues acquires an HEV-like morphology and function. Hevin is highly expressed in HEV and is thought to contribute to the induction or maintenance of features of the HEV endothelium that facilitate lymphocyte migration(Girard and Springer, 1995).