

Anti-SPARCL1 Antibody

Catalog # ABO11395

Product Information

Application	WB, IHC-P
Primary Accession	Q14515
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.

Additional Information

Gene ID	8404
Other Names	SPARC-like protein 1, High endothelial venule protein, Hevin, MAST 9, SPARCL1
Calculated MW	75208
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.
Source	Eukaryota
Protein Name	SPARC-like protein 1
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SPARCL1(649-664aa HCFGIKEEDIDENLLF), 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.

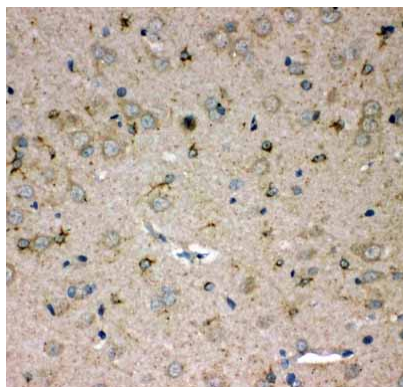
Protein Information

Name	SPARCL1
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	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

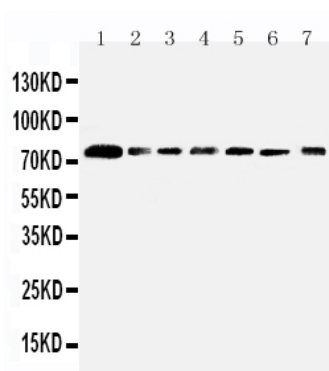
Background

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).

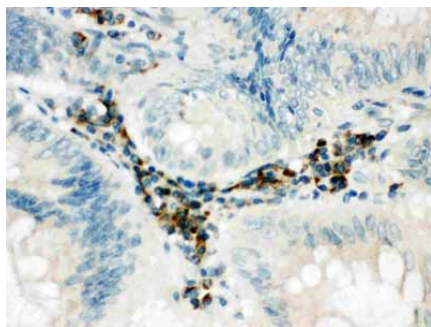
Images



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

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