10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SPARCL1 Rabbit pAb

Catalog # AP98827

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q14515
Other Accession	Q14515
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75208
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SPARCL1/Ecm2
Epitope Specificity	601-664/664
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the SPARC family.Contains 1 EF-hand domain.Contains 1 follistatin-like domain.Contains 1 Kazal-like domain.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	8404
Other Names	MAST 9; MAST9; PIG33; SC1; SPRL1_HUMAN; SPARCL1; High endothelial venule protein (Hevin); SPARC like 1; SPARC-like 1 (mast9, hevin); hevin
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

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

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