Product Name: E-Selectin Rabbit Polyclonal Antibody
Catalog #: APRab10626

Summary

Production Name	E-Selectin Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SELE ELAM1
Alternative Names	selectin E
Gene ID	6401.0
SwissProt ID	P16581.The antiserum was produced against synthesized peptide derived from the N-terminal region of human SELE. AA range:100-150

Application

Dilution Ratio	IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000. IF 1:50-200
Molecular Weight	66kD

Background

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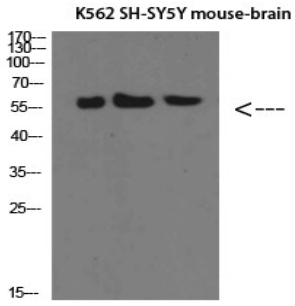
The protein encoded by this gene is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis. [provided by RefSeq, Jul 2008],function:Cell-surface glycoprotein having a role in immunoadhesion. Mediates in the adhesion of blood neutrophils in cytokine-activated endothelium through interaction with PSGL1/SELPLG. May have a role in capillary morphogenesis.,online information:E-selectin,polymorphism:A polymorphism in position 149 is associated with a higher risk of coronary artery disease (CAD). A significantly higher mutation frequency (Arg-149) is observed in patients with angiographically proven severe atherosclerosis compared with an unselected population (Ser-149).,similarity:Belongs to the selectin/LECAM family.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 6 Sushi (CCP/SCR) domains.,subunit:Interacts with PSGL1/SELPLG through the sialyl Lewis X epitope. PSGL1 sulfation appears not to be required for this interaction.,

Research Area

Cell adhesion molecules (CAMs);

Image Data



Western Blot analysis of K562 SH-SY5Y mouse-brain cells using E-Selectin Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000

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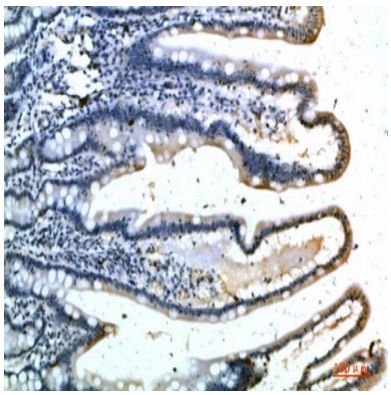
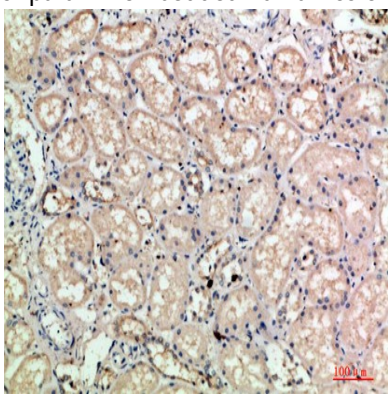
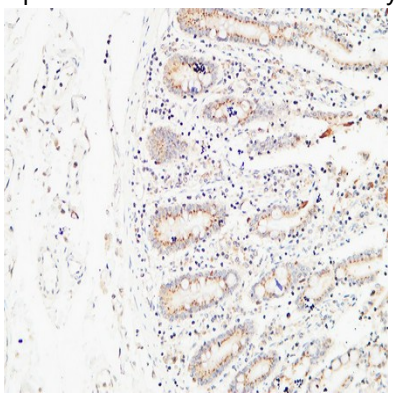


Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:200（4°,overnight）. 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200（room temperature, 30min）.

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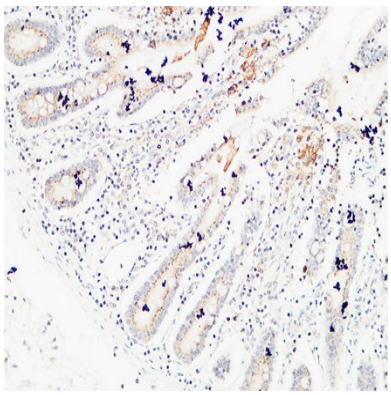

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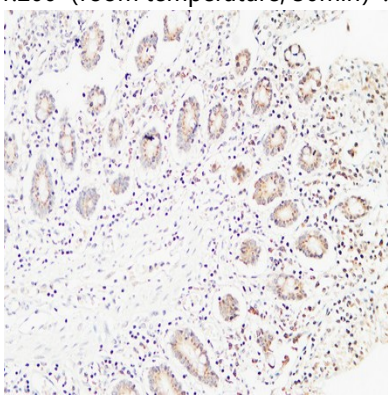

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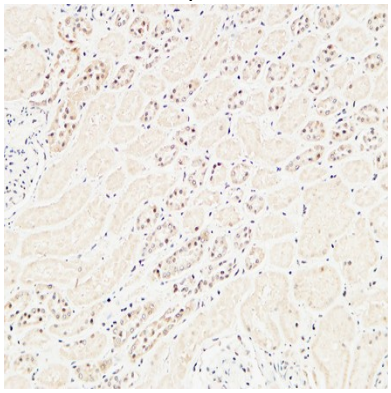

Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200（4°,overnight）. 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200（room temperature, 30min）.

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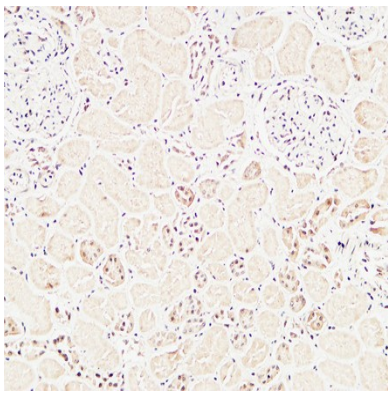

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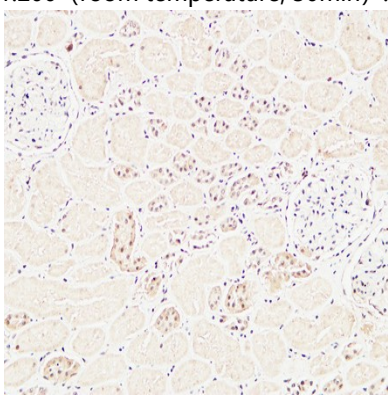

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Note

For research use only.