

SELP

Reactivity: Human Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 91kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human SELP

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CD62; GRMP; PSEL; CD62P; GMP140; LECAM3; PADGEM;

Catalog #: A1425

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6403

Isotype: IgG

Swiss Prot: Q6IQ21

Purity: Affinity purification

For research use only.

Background:

SELP is a selenoprotein containing multiple selenocysteine (Sec) residues. The 3' UTR of selenoproteins have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. SELP is an extracellular glycoprotein, and it is unusual in that it contains 10 Sec residues per polypeptide. It is a heparin-binding protein that appears to be associated with endothelial cells, and it has been implicated to function as an antioxidant in the extracellular space (1).

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