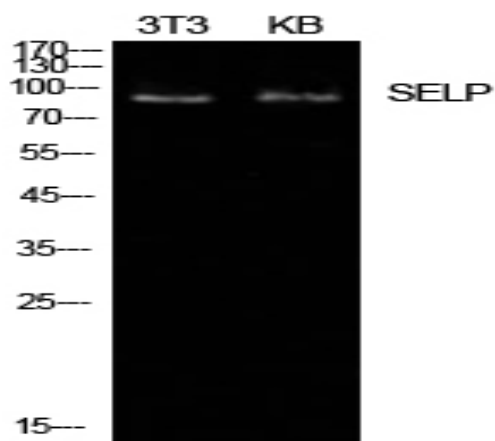


P-Selectin Polyclonal Antibody

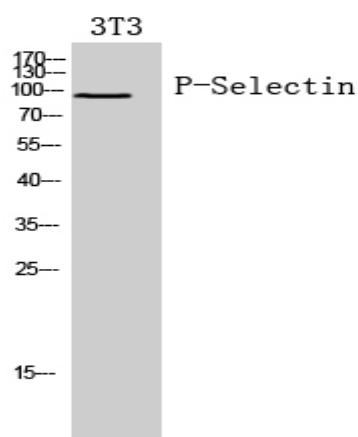
Catalog No :	YT5593
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	P-Selectin
Fields :	>>Cell adhesion molecules;>>Neutrophil extracellular trap formation;>>Malaria;>>Staphylococcus aureus infection;>>Coronavirus disease - COVID-19;>>Lipid and atherosclerosis
Gene Name :	SELP
Protein Name :	P-selectin
Human Gene Id :	6403
Human Swiss Prot No :	P16109
Mouse Gene Id :	20344
Mouse Swiss Prot No :	Q01102
Rat Gene Id :	25651
Rat Swiss Prot No :	P98106
Immunogen :	The antiserum was produced against synthesized peptide derived from the N-terminal region of human SELP. AA range:81-130
Specificity :	P-Selectin Polyclonal Antibody detects endogenous levels of P-Selectin protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	91kD
Cell Pathway :	Cell adhesion molecules (CAMs);
Background :	This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented. [provided by RefSeq, Jul 2008],
Function :	disease:Defects in SELP may be a cause of susceptibility to ischemic stroke [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.,function:Ca(2+)-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1.,online informati
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein .
Expression :	Stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.

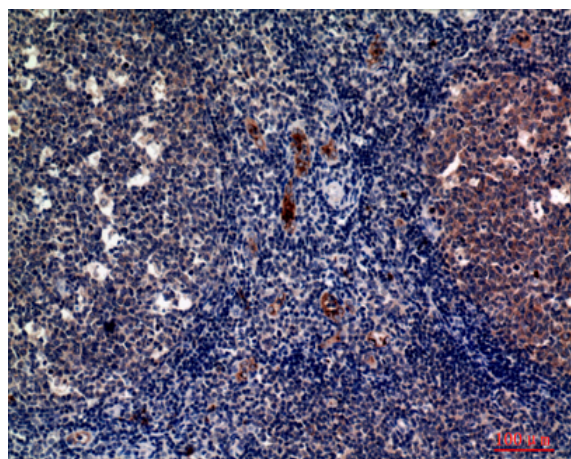
Products Images



Western Blot analysis of NIH-3T3, KB cells using P-Selectin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of 3T3 cells using P-Selectin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100