

Rabbit anti-Rat P-Selectin Polyclonal Antibody | anti-SELP antibody

Anti-P-Selectin Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257330	Rabbit	Rat	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

P-Selectin; Polyclonal Antibody; Anti-P-Selectin Antibody; Rabbit Polyclonal; P-Selectin/CD62P/SELP Antibody; Rabbit PAb; Antigen Affinity Purified; selectin P (granule membrane protein 140kDa; antigen CD62); anti-SELP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rat P-Selectin/CD62P/SELP
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SELP antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Rat P-Selectin/CD62P/SELP Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Rat P-Selectin/CD62P/SELP (rR P-Selectin/CD62P/SELP). P-Selectin/CD62P/SELP specific IgG was purified by Rat P-Selectin/CD62P/SELP affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

ratSELP was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate 0.5 uL anti-ratSELP rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ratSELP rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 91 kDa. Observed band size: 91 kDa.



WB (Western Blot)

Anti-SELP rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: Rat Liver tissue lysate. Lane C: Rat Spleen tissue lysate. Lane D: Rat Brain tissue lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 91 kDa. Observed band size: 125 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SELP antibody	P selectin (SELP) is a 140kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. SELP mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1. P selectin is a cell adhesion molecule on the surface of activated endothelial cells. Cellular adhesion molecules are a large family of proteins that attach the cytoskeleton and intracellular signaling cascades with the extracellular environment. SELP is a calcium-dependent receptor for myeloid cells that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes.
References	Johnson-Tidey RR, et al. (1994) Increase in the adhesion molecule P-selectin in endothelium overlying atherosclerotic plaques. Coexpression with intercellular adhesion molecule-1. Am J Pathol. 144(5):952-61.Walcheck B, et al. (1996) Neutrophil-neutrophil interactions under hydrodynamic shear stress involve L-selectin and PSGL-1. A mechanism that amplifies initial leukocyte accumulation of P-selectin in vitro. J Clin Invest. 98(5):1081-7.Foreman KE, et al. (1994) C5a-induced expression of P-selectin in endothelial cells. J Clin Invest. 94(3):1147-55.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p-selectin-antibody-immunoprecipitation-western-blot-elisa/257330>