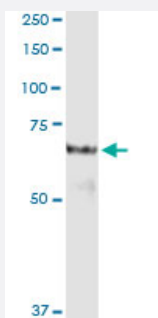


PROS1 (Human) IP-WB Antibody Pair

Catalog # H00005627-PW1

Size 1 Set

Applications



Immunoprecipitation of PROS1 transfected lysate using rabbit polyclonal anti-PROS1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PROS1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PROS1 transfected lysate using rabbit polyclonal anti-PROS1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PROS1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PROS1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PROS1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PROS1

Entrez GeneID [5627](#)

Gene Name PROS1

Gene Alias PROS, PS21, PS22, PS23, PS24, PS25, PSA

Gene Description protein S (alpha)

Omim ID [176880](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anti coagulant protease, activated protein C (APC) to inhibit blood coagulation. It is found in plasma in both a free, functionally active form and also in an inactive form complexed with C4b-binding protein. Mutations in this gene result in autosomal dominant hereditary thrombophilia. An inactive pseudogene of this locus is located at an adjacent region on chromosome 3. [provided by RefSeq]

Other Designations protein S, alpha|protein Sa

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Chorioamnionitis](#)
- [Coronary Disease](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Obstetric Labor](#)

- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Protein S Deficiency](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)