

DNAxPAb

Hard-to-Find
Antibody

PROS1 DNAxPAb

Catalog # H00005627-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PROS1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MRVLGGRCGALLACLLLVLPVSEANFLSKQQASQVLVRKRRANSLLEETKQGNLERECIEELCNK
EEAREVFENDPETDYFYPKYLVLRSFQTGLFTAARQSTNAYPDLRSCVNAIPDQCSPLPCNEDG
YMSCKDGKASFTCTCKPGWQGEKCEFDINECKDPSNINGGCSQICDNTPGSYHCSCKNGFVML
SNKKDCKDVDECSLKPSICGTAVCKNIPGDFECECPEGYRYNLKSKSCEDIDECSENMCACLVCV
NYPGGYTCYCDGKKGFKLAQDQKSCEVVSVCPLPLNLDTKYELLYLAEQFAGVVLYLKFRLPISR
FSAEFDRTYDSEGVILYAESIDHSAWLLIALRGGKIEVQLKNEHTSKITTGGDVINNGLWNMVSVE
ELEHSISIKIAKEAVMDINKPGPLFKPENGLLETKVYFAGFPRKVESELIKPINPRLDGCIRSWNLTK
QGASGIKEIQEKQNKHCLVTVEKGSYYPGSGIAQFHIDYNNVSSAEGWHVNVTLNIRPSTGTGVML
ALVSGNNTVPFAVSLVDSTSEKSDILLSVENTVMYRIQALSCLSDQQSHLEFRVNRNNLELSTPLK
IETISHEDLQRQLAVLDKAMKAKVATYLGGLPDVPFSATPVNAFYNGCMEVNINGVQLDLDEAISK
HNDIRAHSCPSVWKKTKNS

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PROS1

Entrez GeneID [5627](#)

GeneBank Accession# [BC015801.1](#)

Protein Accession# [AAH15801.1](#)

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](#)