

Rabbit PROS1 Polyclonal Antibody | anti-PROS1 antibody

PROS1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200540	Rabbit	Tested: Human, Mouse Predicted: Cow, Dog, Guinea Pig, Horse, Rabbit, Rat	Western Blot, Immunohistochemistry

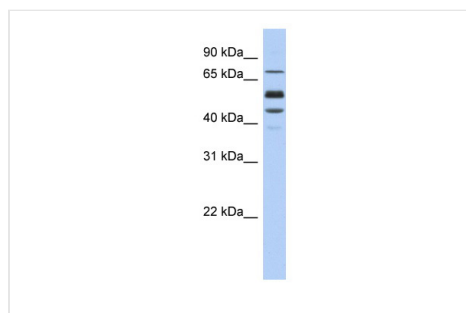
PRODUCT SYNONYMS

PROS1; Polyclonal Antibody; PROS1 antibody - middle region; anti-PROS1 antibody

PRODUCT SPECIFICATIONS

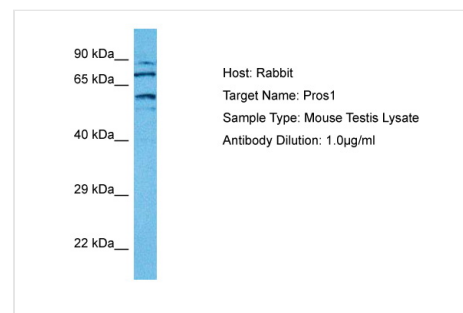
Host	Rabbit
Reactivity	Tested: Human, Mouse Predicted: Cow, Dog, Guinea Pig, Horse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: MC AQLCVNYPGG YTCYCDGKKG FKLAQDQKSC EVVSVCLPLN LDTKYELL
Sequence Length	676
Applicable Applications for anti-PROS1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 86%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PROS1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



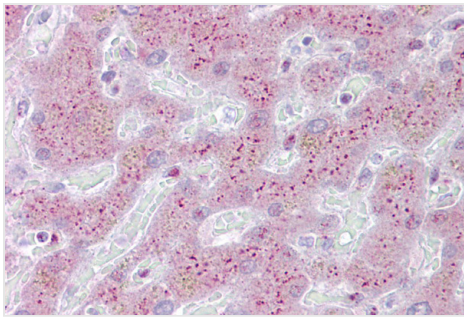
WB (Western Blot)

WB Suggested Anti-PROS1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Muscle



WB (Western Blot)

Host: Rabbit
Target Name: PROS1
Sample Tissue: Mouse Testis
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Immunohistochemistry with Liver tissue at an antibody concentration of 5ug/ml using anti-PROS1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PROS1 antibody	This is a rabbit polyclonal antibody against PROS1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PROS1 is an anticoagulant plasma protein; it is a cofactor to activated protein C in the degradation of coagulation factors Va and VIIIa. It helps to prevent coagulation and stimulating fibrinolysis.
Product Categories/Family for anti-PROS1 antibody	Polyclonal; Signal Proteins; Cell Adhesion; Drugs and Drug Metabolism; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	192447438
NCBI GeneID	5627
NCBI Accession #	NP_000304
NCBI GenBank Nucleotide #	NM_000313
UniProt Accession #	P07225
Molecular Weight	71kDa
NCBI Official Full Name	vitamin K-dependent protein S isoform 2 preproprotein
NCBI Official Synonym Full Names	protein S
NCBI Official Symbol	PROS1
NCBI Official Synonym Symbols	PSA; PROS; PS21; PS22; PS23; PS24; PS25; THPH5; THPH6
NCBI Protein Information	vitamin K-dependent protein S
UniProt Protein Name	Vitamin K-dependent protein S
UniProt Gene Name	PROS1
UniProt Synonym Gene Names	PROS
UniProt Entry Name	PROS_HUMAN

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.