

## PROS1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**70kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PROS1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PSA; PROS; PS21; PS22; PS23; PS24; PS25; THPH5; THPH6;

**Background:**

This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anticoagulant 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, Feb 2009]

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**Catalog #:**A1595

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5627

**Isotype:**IgG

**Swiss Prot:**P07225

**Purity:**Affinity purification

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