

## Product datasheet for **BP792**

### Protein S (PROS1) Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western blot.</b>
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Highly pure Protein S, prepared from Human plasma by chromatographic methods
Specificity:	The antibody recognizes Protein S in Immunelectrophoresis.
Formulation:	PBS State: Ig Fraction State: Liquid IgG fraction Stabilizer: 10% Glycerol Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein S (alpha)
Database Link:	<a href="#">Entrez Gene 5627 Human P07225</a>
Background:	Protein S is a 77kDa vitamin K-dependent glycoprotein. Protein S is produced by endothelium, the liver and megakaryocytes, but is found circulating in plasma. Protein S binds activated Protein C enabling inactivation of Factor Va and VIIIa, but it can also form a non-covalent complex with C4bp.
Synonyms:	PROS
Protein Families:	Druggable Genome, Secreted Protein



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**Protein Pathways:** Complement and coagulation cascades