

## Product datasheet for **TA354645**

### Factor VIII (F8) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to fused portion of human FVIII protein surrounding to HQREI domain with depletion of cleavage terminus.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	265 kDa
Gene Name:	coagulation factor VIII
Database Link:	<a href="#">NP_000123</a> <a href="#">Entrez Gene 2157 Human P00451</a>
Background:	The Coagulation Factor VIII (FVIII) is a glycoprotein essential for the intrinsic pathway of blood coagulation. A mature form of FVIII is a single-chain, 2351 amino acid polypeptide with a MW 265kDa. The FVIII can be activated by proteolytic cleavage intracellularly into a two-chain heterodimer, a heavy-chain and light-chain. The development of anti-factor VIII (FVIII) antibodies is currently one of the most serious complications in the treatment of haemophilia A patients due to the nature and properties of anti-FVIII antibodies, their mechanism of action, their neutralization by anti-idiotypic antibodies, and the role of T cells in FVIII inhibitor formation.
Synonyms:	AHF; DXS1253E; F8B; F8C; FVIII; HEMA



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**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Complement and coagulation cascades