

F12 antibody - N-terminal region (ARP41754_P050)

Data Sheet

Product Number	ARP41754_P050
Product Name	F12 antibody - N-terminal region (ARP41754_P050)
Size	50ug
Gene Symbol	F12
Alias Symbols	HAE3; HAEX; HAF
Nucleotide Accession#	NM_000505
Protein Size (# AA)	615 amino acids
Molecular Weight	26kDa
Product Format	Lyophilized powder
NCBI Gene Id	2161
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	Coagulation factor XII (Hageman factor)
Description	This is a rabbit polyclonal antibody against F12. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: MRALLLGFLLVSLSTLSIPPWEAPKEHKYKAEHTVVLTVTGEPCHFP
Target Reference	Melo,F.R. (2008) Thromb. Haemost. 99 (3), 531-538
Description of Target	This gene encodes coagulation factor XII which circulates in blood as a zymogen. This single chain zymogen is converted to a two-chain serine protease with an heavy chain (alpha-factor XIIa) and a light chain. The heavy chain contains two fibronectin-type
Partner Proteins	F2R, AANAT, AKR7A2, AMBP, C6, CPB2, F11, F13A1, F2, F2R, F2RL1, F2RL2, F2RL3, F5, F8, F9, FGA, GGCX, GP1BA, GP5, HGFAC, IGFBP3, IGFBP5, ITGA2B, KNG1, PLAU, PROC, PROS1, PROZ, SERPINA5, SERPINB6, SERPINB8, SERPINC1, SERPIND1, SERPINE1, SERPINE2, SERPING1, SPP1, ST13, THBD, THBS1, CPB2, F5, FGA, ITGA
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-F12 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For anti-F12 antibody is Catalog # AAP41754 (Previous Catalog # AAP24396)
Immunogen	The immunogen for anti-F12 antibody: synthetic peptide directed towards the N terminal of human F12
Swissprot Id	P00748
Protein Name	Coagulation factor XII
Protein Accession #	NP_000496
Purification	Affinity Purified
Species Reactivity	Human
Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 100%

Human Thymus

90 kDa
65 kDa



Image 1



WB Suggested Anti-F12 Antibody Titration: 0.2-1
ug/ml
ELISA Titer: 1:312500
Positive Control: Human Thymus

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.