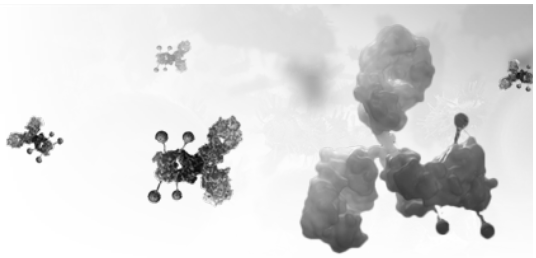

Anti-FGA polyclonal antibody [HRP] (CPBT-65884SH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Sheep anti Human fibrinogen antibody recognizes human fibrinogen, a complex ~340kDa hetero-hexameric (di-trimeric) glycoprotein consisting of 3 pairs of α, β and γ chains linked by a series of 29 disulphide bonds. The six chains are arranged in such a way that all the N-Terminal ends adjoin to form a central E domain with two trimeric coiled coil structures connecting to outer D domains. Fibrinogen plays an important role in the coagulation process with the D and E domains interacting via the C-Terminal ends of the α chains during fibrin clot cross-linking. Sheep anti human fibrinogen antibody shows minimal cross-reactivity with related serum proteins. Fibrinogen has been identified as a ferritin binding protein in the horse. Sheep anti human fibrinogen antibody has been successfully as a capture reagent for ferritin - anti ferritin IgG complexes in horse plasma to evaluate the antibody response to ferritin by ELISA.
Specificity	FGA
Immunogen	Human fibrinogen purified from plasma.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human, Mouse, Rat
Conjugate	HRP
Applications	IHC-Fr; ELISA
Format	Purified IgG - liquid
Size	1 ml
Preservative	See individual product datasheet

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Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	FGA fibrinogen alpha chain [Homo sapiens (human)]
Official Symbol	FGA
Synonyms	FGA; fibrinogen alpha chain; Fib2; fibrinogen, A alpha polypeptide;
Entrez Gene ID	2243
Protein Refseq	NP_000499
UniProt ID	P02679
Chromosome Location	4q28
Pathway	Amyloids; Blood Clotting Cascade; Common Pathway; Complement and coagulation cascades; Disease; Extracellular matrix organization; Formation of Fibrin Clot (Clotting Cascade); GRB2:SOS provides linkage to MAPK signaling for Integrins;
Function	contributes_to cell adhesion molecule binding; protein binding; protein binding, bridging; contributes_to receptor binding; structural molecule activity;

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