

## Goat anti-fibrinogen alpha chain Antibody

<b>Item Number</b>	dAP-3238
<b>Target Molecule</b>	Principle Name: fibrinogen alpha chain; Official Symbol: FGA; All Names and Symbols: FGA; fibrinogen alpha chain; Fib2; fibrinogen, A alpha polypeptide; Accession Number (s): NP_000499.1; NP_068657.1; Human Gene ID(s): 2243; Non-Human GeneID(s):
<b>Immunogen</b>	STSYNRGDSTFES, is from internal region (near C terminus) This antibody is expected to recognize both reported isoforms (NP_000499.1; NP_068657.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 75kDa band observed in Human Platelets lysates (calculated MW of 69.8kDa according to NP_068657.1). Recommended concentration: 0.01-0.03µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Sie MP, Isaacs A, de Maat MP, Mattace-Raso FU, Uitterlinden AG, Kardys I, Hofman A, Hoeks AP, Reneman RS, van Duijn CM, Witteman JC. Genetic variation in the fibrinogen-alpha and fibrinogen-gamma genes in relation to arterial stiffness: the Rotterdam Study. Journal of hypertension 2009 Jul 27

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**