

Goat anti-fibrinogen beta chain Antibody

Item Number dAP-3079

Target Molecule Principle Name: fibrinogen beta chain; Official Symbol: FGB; All Names and Symbols: FGB; fibrinogen beta chain; fibrinogen, B beta polypeptide; Accession Number (s): NP_005132.2; NP_001171670.1; Human Gene ID(s): 2244; Non-Human GenID(s):

Immunogen RSKIQKLESDVSAQ, is from internal region
This antibody is expected to recognize both reported isoforms (NP_005132.2; NP_001171670.1).

Applications Pep ELISA, WB
Species Tested: Human

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 128000.

Western Blot Western Blot: Approx 60kDa band observed in Human Liver lysates (calculated MW of 55.9kDa according to NP_005132.2). Recommended concentration: 0.3-1 μ g/ml.

IHC

Reference Reference(s): Parastatidis I, Thomson L, Burke A, Chernysh I, Nagaswami C, Visser J, Stamer S, Liebler DC, Koliakos G, Heijnen HF, Fitzgerald GA, Weisel JW, Ischiropoulos H. Fibrinogen beta-chain tyrosine nitration is a prothrombotic risk factor. The Journal of biological chemistry 2008 Dec 283 (49): 33846-

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 end users! This product is sold for **Research Use Only**