Goat anti-Complement factor H Antibody

Item Number	dAP-0682
Target Molecule	Principle Name: Complement factor H; Official Symbol: CFH; All Names and Symbols: complement factor H ; HGNC:4883; CFH; CFHL3; FHL1; HF; HF1; HF2; HUS; H factor 1 (complement); H factor 2 (complement); H factor-1 (complement); factor H-like 1; AHUS1; ARMD4; ARMS1; FH; age-related macu-lopathy susceptibility 1; beta-1-H-globulin; beta-1H; Accession Number (s): NP_000177.2; Human Gene ID (s): 3075; Non-Human GeneID(s):
Immunogen	HLVPDRKKDQYK, is from internal region This antibody is expected to recognize isoform a (NP_000177.2) only.
Applications	Pep ELISA, WB, IHC 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; Reconsititute 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 32000.
Western Blot	Western Blot: Approx 170kDa band observed in Human Lung lysates (calculated MW of 139kDa according to NP_000177.2). Recommended concentration: 0.03-0.1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Liver. Recommended concentration: 5µg/ml.
Reference	Reference(s): Klein RJ, Zeiss C, Chew EY, Tsai JY, Sackler RS, Haynes C, Henning AK, Sangiovanni JP, Mane SM, Mayne ST, Bracken MB, Ferris FL, Ott J, Barnstable C, Hoh J. Complement Factor H Polymor-phism in Age-Related Macular Degeneration. Science. 2005 Mar 10; [Epub ahead of print] .PMID:

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