

Goat anti-CFD / adipsin (aa87-96) Antibody

Item Number	dAP-3325
Target Molecule	Principle Name: CFD / adipsin (aa87-96); Official Symbol: CFD; All Names and Symbols: CFD; complement factor D (adipsin); ADIPSIN; ADN; DF; PFD; C3 convertase activator; D component of complement (adipsin); complement factor D; complement factor D preproprotein; properdin factor D; Accession Number (s): NP_001919.2; Human Gene ID(s): 1675; Non-Human GeneID(s):
Immunogen	QPEPSKRLDY, is from internal region
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 30kDa band observed in Human Adipose lysates (calculated MW of 27kDa according to NP_001919.2). Recommended concentration: 1-3µg/ml.
IHC	

Reference	Reference(s): Katschke KJ, Wu P, Ganesan R, Kelley RF, Mathieu MA, Hass PE, Murray J, Kirchhofer D, Wiesmann C, van Lookeren Campagne M. Inhibiting alternative pathway complement activation by targeting the factor D exosite. The Journal of biological chemistry 2012 Apr 287 (16): 12886-92..PMID: 22362762
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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**