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Goat anti-CFD / adipsin Antibody
Peptide-affinity purified goat antibody
Catalog # AF4379a

Specification

Goat anti-CFD / adipsin Antibody - Product Information

Application	**WB, Pep-ELISA**
Primary Accession	P00746
Other Accession	NP_001919.2
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**27033**

Goat anti-CFD / adipsin Antibody - Additional Information

Gene ID 1675

Other Names
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

Dilution
WB~~1:1000
Pep-ELISA~~N/A

Format
Supplied at 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.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat anti-CFD / adipsin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-CFD / adipsin Antibody - Protein Information

Name CFD (HGNC:2771)

Synonyms DF, PFD

Function
Serine protease that initiates the alternative pathway of the complement system, a cascade of

proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed:21205667, PubMed:22362762, PubMed:6769474, PubMed:874324, PubMed:9748277). In contrast to other complement pathways (classical, lectin and GZMK) that are directly activated by pathogens or antigen-antibody complexes, the alternative complement pathway is initiated by the spontaneous hydrolysis of complement C3 (PubMed:21205667, PubMed:22362762, PubMed:6769474, PubMed:874324). The alternative complement pathway acts as an amplification loop that enhances complement activation by mediating the formation of C3 and C5 convertases (PubMed:21205667, PubMed:22362762, PubMed:6769474, PubMed:874324). Activated CFD cleaves factor B (CFB) when the latter is complexed with complement C3b, activating the C3 convertase of the alternative pathway (PubMed:21205667, PubMed:6769474, PubMed:874324, PubMed:9748277).

Cellular Location
Secreted

Goat anti-CFD / adipsin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat anti-CFD / adipsin Antibody - Images