

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\\\\\\\\\\\\\\\\\).\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\(http://www.uniprot.org/citations/9748277\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(http://www.uniprot.org/citations/874324\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(http://www.uniprot.org/citations/6769474\\\\\\\\\\\\\\)\\\\\\\\\\\\\]\\\\\\\\\\\\\(http://www.uniprot.org/citations/21205667\\\\\\\\\\\\\)\\\\\\\\\\\\]\\\\\\\\\\\\(http://www.uniprot.org/citations/874324\\\\\\\\\\\\)\\\\\\\\\\\]\\\\\\\\\\\(http://www.uniprot.org/citations/6769474\\\\\\\\\\\)\\\\\\\\\\]\\\\\\\\\\(http://www.uniprot.org/citations/22362762\\\\\\\\\\)\\\\\\\\\]\\\\\\\\\(http://www.uniprot.org/citations/21205667\\\\\\\\\)\\\\\\\\]\\\\\\\\(http://www.uniprot.org/citations/874324\\\\\\\\)\\\\\\\]\\\\\\\(http://www.uniprot.org/citations/6769474\\\\\\\)\\\\\\]\\\\\\(http://www.uniprot.org/citations/22362762\\\\\\)\\\\\]\\\\\(http://www.uniprot.org/citations/21205667\\\\\)\\\\]\\\\(http://www.uniprot.org/citations/9748277\\\\)\\\]\\\(http://www.uniprot.org/citations/874324\\\)\\]\\(http://www.uniprot.org/citations/6769474\\)\]\(http://www.uniprot.org/citations/22362762\)](http://www.uniprot.org/citations/21205667)

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 Cytometry](#)
- [Cell Culture](#)

Goat anti-CFD / adipsin Antibody - Images