

Datasheet for ABIN951645

anti-Adipsin antibody (N-Term)

2 Images



[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Adipsin (CFD)
Binding Specificity:	AA 75-107, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 75-107 amino acids from the N-terminal region of Human CFD Gene name: CFD
Isotype:	Ig Fraction
Specificity:	Recognizes CFD (N-term).
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	Adipsin (CFD)
Alternative Name:	Complement Factor D (CFD Products)
Background:	The protein encoded by this gene is a member of the trypsin family of peptidases. The encoded protein is a component of the alternative complement pathway best known for its role in

Target Details

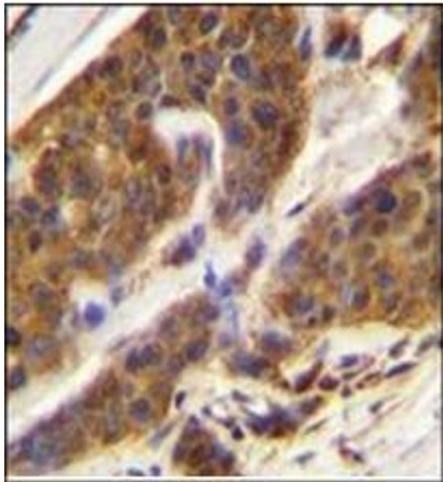
	humoral suppression of infectious agents. This protein is also a serine protease that is secreted by adipocytes into the bloodstream. Finally, the encoded protein has a high level of expression in fat, suggesting a role for adipose tissue in immune system biology.Synonyms: Adipsin, C3 convertase activator, CFD, DF, PFD, Properdin factor D
Gene ID:	1675
NCBI Accession:	NP_001919
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

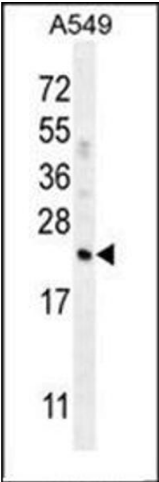
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded Human bladder carcinoma stained with CFD Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CFD Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of CFD Antibody (N-term) Cat.-No AP50877PU-N in A549 cell line lysates (35ug/lane). This demonstrates the CFD antibody detected the CFD protein (arrow).