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anti-Adipsin antibody (AA 26-253)

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Images



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Overview		
Quantity:	100 μg	
Target:	Adipsin (CFD)	
Binding Specificity:	AA 26-253	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Adipsin antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	A recombinant human partial protein corresponding to amino acids I26-A253 was used as the	
	immunogen for the CFD antibody.	
Isotype:	IgG	
Purification:	Antigen affinity purified	
Target Details		
Target:	Adipsin (CFD)	
Alternative Name:	CFD / Complement Factor D (CFD Products)	
Background:	Factor D is a protein which in humans is encoded by the CFD gene. 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 humoral suppression of	

Target Details

infectious agents. It is also a serine protease that is secreted by adipocytes into the bloodstream. And it stimulates glucose transport for triglyceride accumulation in fats cells and inhibits lipolysis. Finally, the encoded protein has a high level of expression in fat, suggesting a role for adipose tissue in immune system biology.

UniProt: P00746

Pathways: Complement System

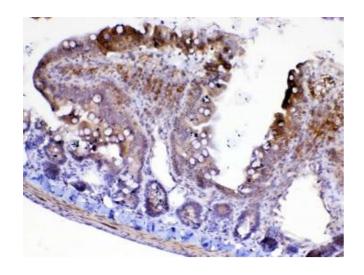
Application Details

Restrictions:	For Research Use only	
	0.5-1 μg/mL,IHC (FFPE): 1-2 μg/mL,Direct ELISA: 0.1-0.5 μg/mL	
Application Notes:	Optimal dilution of the CFD antibody should be determined by the researcher.\. Western Blot:	

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water	
Storage:	-20 °C	
Storage Comment:	at: After reconstitution, the CFD antibody can be stored for up to one month at 4°C. For long-term	
	aliquot and store at -20°C. Avoid repeated freezing and thawing.	

Images



Immunohistochemistry

Image 1. IHC testing of FFPE rat small intestine tissue with CFD antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

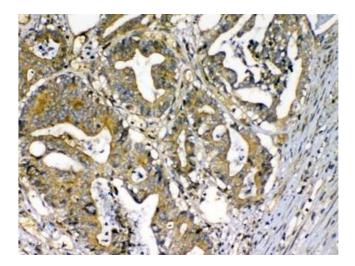
kDa 72-55-43-34-26-

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Western Blotting

Image 2. Western blot testing of human placental tissue with CFD antibody at 0.5 μ ml. Predicted molecular weight ~27 kDa.



Immunohistochemistry

Image 3. IHC testing of FFPE human rectal cancer tissue with CFD antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.