Datasheet for ABIN5708190

anti-Adipsin antibody (AA 26-263)

3 Images

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Overview

Quantity:	100 µg
Target:	Adipsin (CFD)
Binding Specificity:	AA 26-263
Reactivity:	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 rat partial protein corresponding to amino acids I26-A263 was used as the immunogen for the Factor D 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:	P32038
Pathways:	Complement System

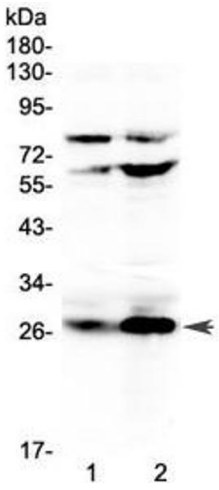
Application Details

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

Handling

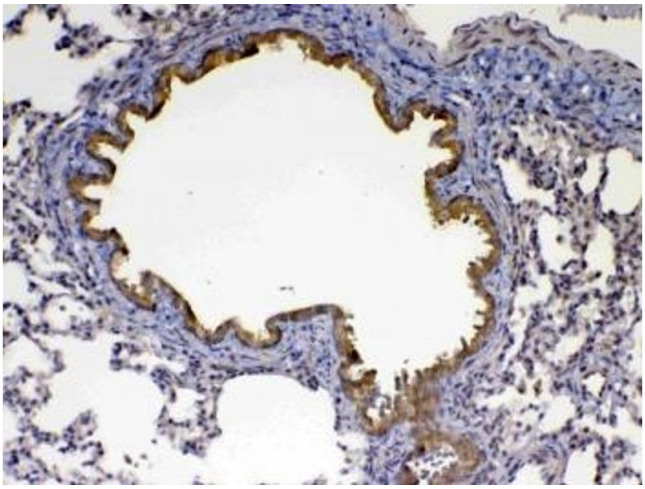
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Factor D antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



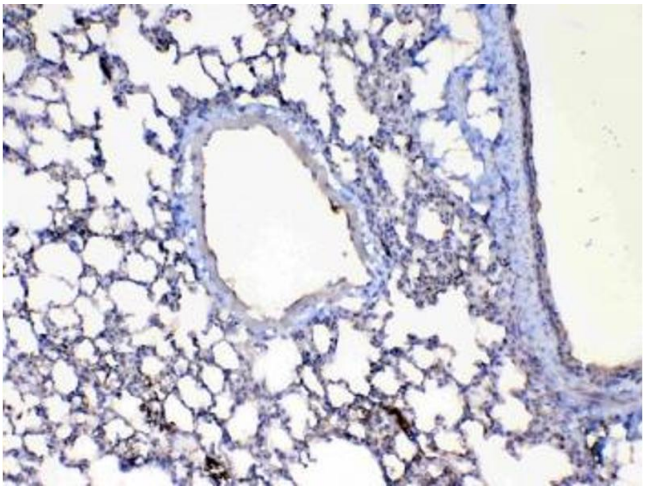
Western Blotting

Image 1. Western blot testing of rat 1) RH35 and 2) PC-12 cell lysate with Factor D antibody at 0.5ug/ml. Predicted molecular weight ~27 kDa.



Immunohistochemistry

Image 2. IHC testing of FFPE rat lung tissue with Factor D antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Immunohistochemistry

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

