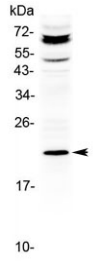
ANGPTL8 Antibody / Betatrophin (R32925)

Catalog No.	Formulation	Size
R32925	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q6UXH0
Applications	Western Blot: 0.5-1ug/ml
Limitations	This ANGPTL8 antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with ANGPTL8 antibody at 0.5ug/ml. Predicted molecular weight ~22 kDa.

Description

ANGPTL8 (also known as lipasin, originally Betatrophin) is a protein that in humans is encoded by the C19orf80 gene. The gene for betatrophin lies on mouse chromosome 9 (gene symbol: Gm6484) and on human chromosome 19 (gene symbol: C19orf80). The encoded 22 kDa protein contains an N-terminal secretion signal and two coiled-coil domains and is a member of the angiopoietin-like (ANGPTL) protein family. However, in contrast to other ANGPTL proteins, betatrophin lacks the C-terminal fibrinogen-like domain, and therefore it is an atypical member of the ANGPTL family. It shares with Angptl4 and Angptl3 the ability to inhibit the enzyme Lipoprotein lipase (LPL), and its hepatic overexpression causes elevation of circulating Triglyceride levels in mice. In mice betatrophin is secreted by the liver. It was hoped that

betatrophin or its homolog in humans may provide an effective treatment for type 2 diabetes and perhaps even type I diabetes.

Application Notes

Optimal dilution of the ANGPTL8 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids A22-A198 was used as the immunogen for the ANGPTL8 antibody.

Storage

After reconstitution, the ANGPTL8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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