

Rabbit Betatrophin Polyclonal Antibody | anti-C19orf80 antibody

Betatrophin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40638	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Betatrophin; Polyclonal Antibody; Betatrophin Antibody; RIFL; TD26; ANGPTL8; PRO1185; PVPA599; Angptl8; UNQ599/PRO1185; Angiopoietin-like protein 8; chromosome 19 open reading frame 80; anti-C19orf80 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Betatrophin antibody is human, mouse and rat reactive. At least three isoforms of Betatrophin are known to exist; this antibody will detect the two largest isoforms.
Purity/Purification	Betatrophin antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	198
Applicable Applications for anti-C19orf80 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Betatrophin antibody was raised against a 16 amino acid peptide near the amino terminus of human Betatrophin.
Buffer	Betatrophin antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Betatrophin antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



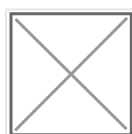
IF (Immunofluorescence)

Immunofluorescence of Betatrophin in rat liver tissue with Betatrophin Antibody at 20 μg/mL.



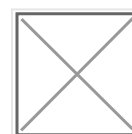
IHC (Immunohistochemistry)

Immunohistochemistry of Betatrophin in rat liver tissue with Betatrophin Antibody at 5 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of Betatrophin in mouse liver tissue with Betatrophin antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of Betatrophin in rat liver tissue lysate with Betatrophin antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-C19orf80 antibody	The Betatrophin protein, also known as the hepatocellular carcinoma-associated protein TD26, is an adipocyte- and liver-enriched insulin targeted gene that is thought to play a role in lipid metabolism by regulating serum triglyceride levels (1,2). Betatrophin is closely related to the angiopoietin-like (ANGPTL) protein family. Betatrophin mRNA increases in the cold environment and after treatment with a high-fat diet, while its mRNA levels decrease in response to fasting, suggesting that it may play a role in mediating thermogenesis and energy homeostasis (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291219911
NCBI GeneID	55908
NCBI Accession #	NP_061157
NCBI GenBank Nucleotide #	NM_018687.6
UniProt Accession #	Q6UXH0; Q9NQZ1
Molecular Weight	Predicted: 22 kDa Observed: 22 kDa
NCBI Official Full Name	angiopoietin-like protein 8
NCBI Official Synonym Full Names	chromosome 19 open reading frame 80
NCBI Official Symbol	C19orf80
NCBI Official Synonym Symbols	RIFL; TD26; ANGPTL8; PRO1185; PVPA599
NCBI Protein Information	angiopoietin-like protein 8; lipasin; betatrophin variant 1; betatrophin variant 2; refeeding-induced fat and liver protein; hepatocellular carcinoma-associated gene TD26; hepatocellular carcinoma-associated protein TD26
UniProt Protein Name	Angiopoietin-like protein 8
UniProt Gene Name	C19orf80
UniProt Entry Name	BETAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.