

Rabbit CTRP7 Polyclonal Antibody | anti-C1qtnf7 antibody

CTRP7 Antibody

CATALOG # AAA39515	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Western Blot, ELISA
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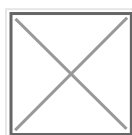
PRODUCT SYNONYMS

CTRP7; Polyclonal Antibody; CTRP7 Antibody; Ctrp7; 5530401N20Rik; 8430425G24Rik; Complement C1q tumor necrosis factor-related protein 7; C1q and tumor necrosis factor related protein 7; anti-C1qtnf7 antibody

PRODUCT SPECIFICATIONS

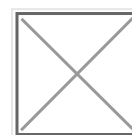
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	These proteins often migrate in SDS-PAGE at positions other than their predicted size.
Purity/Purification	CTRP7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	289
Applicable Applications for anti-C1qtnf7 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CTRP7 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human CTRP7.
Buffer	CTRP7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CTRP7 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of rat brain tissue using CTRP7 antibody at 10 µg/mL.



WB (Western Blot)

Western blot analysis of CTRP7 in 3T3 cell lysate with CTRP7 antibody at (A) 1, (B) 2, and (C) 4 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-C1qtnf7 antibody	CTRP7 Antibody: Adipose tissue of an organism plays a major role in regulating physiologic and pathologic processes such as metabolism and immunity by producing and secreting a variety of bioactive molecules termed adipokines. One highly conserved family of adipokines is adiponectin/ACRP30 and its structural and functional paralogs, the C1q/tumor necrosis factor-alpha-related proteins (CTRPs) 1-7. Unlike adiponectin, which is expressed exclusively by differentiated adipocytes, the CTRPs are expressed in a wide variety of tissues. These proteins are thought to act mainly on liver and muscle tissue to control glucose and lipid metabolism. An analysis of the crystal structure of adiponectin revealed a structural and evolutionary link between TNF and C1q-containing proteins, suggesting that these proteins arose from a common ancestral innate immunity gene. Like the other members of the adiponectin and CTRP protein family, the mature CTRP7 is secreted and can be found in the organism's circulatory system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62913965
NCBI GeneID	109323
UniProt Accession #	Q8BVD7; Q8CHX9
Molecular Weight	30,517 Da
NCBI Official Full Name	C1qTNF7
NCBI Official Synonym Full Names	C1q and tumor necrosis factor related protein 7
NCBI Official Symbol	C1qtnf7
NCBI Official Synonym Symbols	Ctrp7; 5530401N20Rik; 8430425G24Rik
NCBI Protein Information	complement C1q tumor necrosis factor-related protein 7; C1q and tumor necrosis factor related protein 5
UniProt Protein Name	Complement C1q tumor necrosis factor-related protein 7
UniProt Gene Name	C1qtnf7
UniProt Synonym Gene Names	Ctrp7
UniProt Entry Name	C1QT7_MOUSE

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.