

Rabbit anti-Human, Rat CTRP5 Polyclonal Antibody | anti-C1QTNF5 antibody

CTRP5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40095	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

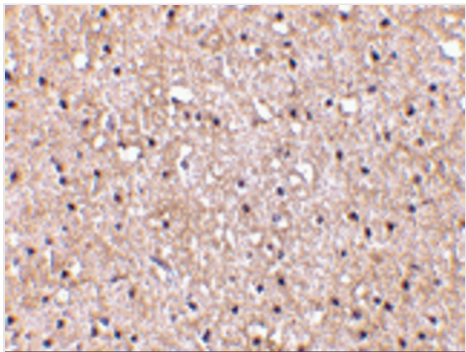
PRODUCT SYNONYMS

CTRP5; Polyclonal Antibody; CTRP5 Antibody; UNQ303/PRO344; Complement C1q tumor necrosis factor-related protein 5; C1q and tumor necrosis factor related protein 5; anti-C1QTNF5 antibody

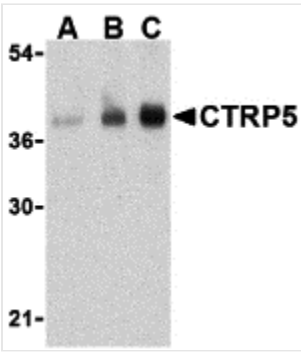
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	These proteins are often highly modified post-translationally and migrate in SDS-PAGE at positions other than their predicted size.
Purity/Purification	CTRP5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	243
Applicable Applications for anti-C1QTNF5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CTRP5 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human CTRP5.
Buffer	CTRP5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CTRP5 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)
Immunohistochemistry of CTRP5 in human brain tissue with CTRP5 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of CTRP5 in human brain cell lysate with CTRP5 antibody at (A) 1, (B) 2, and (C) 4 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-C1QTNF5 antibody

CTRP5 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- α -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. CTRP5 has been suggested to be involved in age-related macular degeneration.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37181891
NCBI GeneID	114902
UniProt Accession #	Q9BXJ0; Q335M2; Q8N6P2; Q9UFX4; A6NDD3; B0YJ35
Molecular Weight	25,298 Da
NCBI Official Full Name	CTRP5
NCBI Official Synonym Full Names	C1q and tumor necrosis factor related protein 5
NCBI Official Symbol	C1QTNF5
NCBI Official Synonym Symbols	CTRP5
NCBI Protein Information	complement C1q tumor necrosis factor-related protein 5; myonectin; C1q TNF-alpha-related protein 5
UniProt Protein Name	Complement C1q tumor necrosis factor-related protein 5
UniProt Gene Name	C1QTNF5
UniProt Synonym Gene Names	CTRP5
UniProt Entry Name	C1QT5_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.