

Rabbit CTRP1 Polyclonal Antibody | anti-C1QTNF1 antibody

CTRP1 Antibody

CATALOG # AAA39593	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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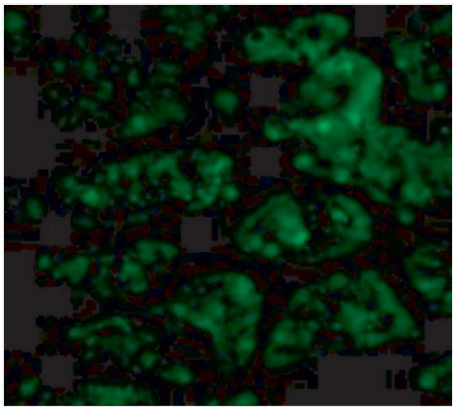
PRODUCT SYNONYMS

CTRP1; Polyclonal Antibody; CTRP1 Antibody; GIP; ZSIG37; UNQ310/PRO353; Complement C1q tumor necrosis factor-related protein 1; G protein-coupled receptor-interacting protein; C1q and tumor necrosis factor related protein 1; anti-C1QTNF1 antibody

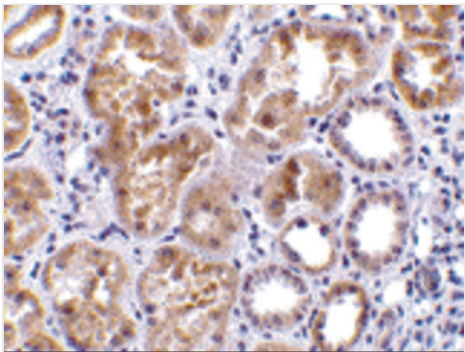
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, 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	CTRP1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	281
Applicable Applications for anti-C1QTNF1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CTRP1 (NT) antibody was raised against a 15 amino acid synthetic peptide from near the amino-terminus of human CTRP1.
Buffer	CTRP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CTRP1 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.

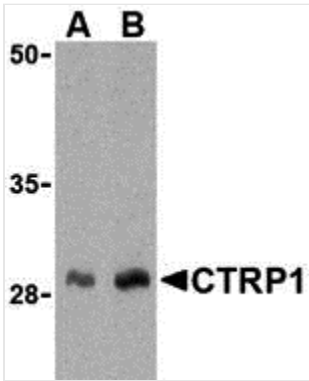
IMAGES



IF (Immunofluorescence)
Immunofluorescence of CTRP1 in Human Kidney cells with CTRP1 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of CTRP1 in human kidney tissue with CTRP1 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of CTRP1 in human kidney cell lysate with CTRP1 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-C1QTNF1 antibody

CTRP1 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. In obese (ob/ob) mice, RT-PCR analysis showed that mCTRP1 transcripts are seen at substantially higher levels in adipose tissues compared to those of normal mice.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38372917
NCBI GeneID	114897
NCBI Accession #	NP_940995
NCBI GenBank Nucleotide #	NM_198593.3
UniProt Accession #	Q9BXJ1; Q6ZMH6; Q96NF2; Q9GZR4
Molecular Weight	32,760 Da

NCBI Official Full Name	complement C1q tumor necrosis factor-related protein 1 isoform 1
NCBI Official Synonym Full Names	C1q and tumor necrosis factor related protein 1
NCBI Official Symbol	C1QTNF1
NCBI Official Synonym Symbols	GIP; CTRP1; ZSIG37
NCBI Protein Information	complement C1q tumor necrosis factor-related protein 1; G protein coupled receptor interacting protein; g protein-coupled receptor-interacting protein
UniProt Protein Name	Complement C1q tumor necrosis factor-related protein 1
UniProt Gene Name	C1QTNF1
UniProt Synonym Gene Names	CTRP1; GIP
UniProt Entry Name	C1QT1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctrp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39593>