

Rabbit CTRP2 Polyclonal Antibody | anti-C1QTNF2 antibody

CTRP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39913	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

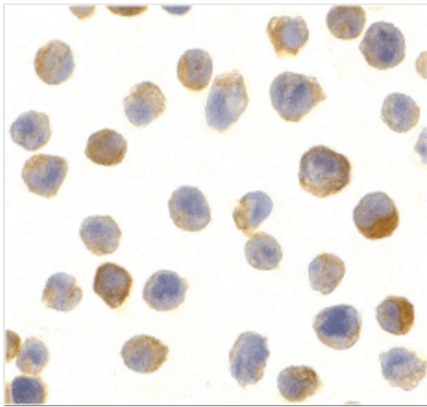
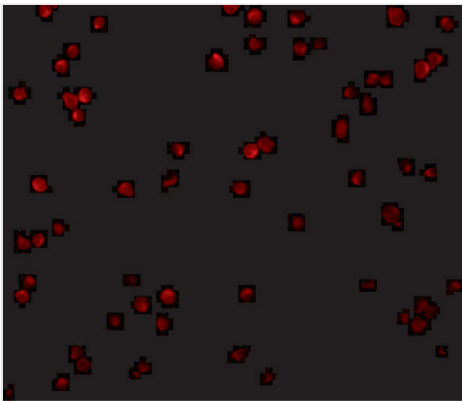
PRODUCT SYNONYMS

CTRP2; Polyclonal Antibody; CTRP2 Antibody; zacr2; UNQ6349/PRO21054; Complement C1q tumor necrosis factor-related protein 2; C1q and tumor necrosis factor related protein 2; anti-C1QTNF2 antibody

PRODUCT SPECIFICATIONS

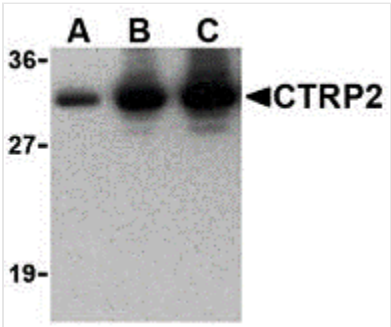
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	These proteins are often highly modified post-translationally and migrate in SDS-PAGE at positions other than their predicted size.
Purity/Purification	CTRP2 Antibody is DEAE purified.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	330
Applicable Applications for anti-C1QTNF2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CTRP2 antibody was raised against recombinant human CTRP2.
Buffer	CTRP2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CTRP2 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 CTRP2 in Jurkat cells with CTRP2 antibody at 20 μ g/mL.

ICC (Immunocytochemistry)
Immunocytochemistry of CTRP2 in Jurkat cells with CTRP2 antibody at 10 μ g/mL.



WB (Western Blot)
Western blot of recombinant CTRP2: (A) 5 ng, (B) 25 ng, and (C) 50 ng with CTRP2 at 1 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-C1QTNF2 antibody

CTRP2 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. Of the CTRPs, CTRP2 is most similar structurally and functionally to adiponectin. Recombinant CTRP2 rapidly activated AMPK and MAPK in cultured C2C12 cells, leading to increased glycogen accumulation and fatty acid oxidation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	94818738
NCBI GeneID	114898
NCBI Accession #	NP_114114
NCBI GenBank Nucleotide #	NM_031908.4
UniProt Accession #	Q9BXJ5
Molecular Weight	29,952 Da
NCBI Official Full Name	complement C1q tumor necrosis factor-related protein 2
NCBI Official Synonym Full Names	C1q and tumor necrosis factor related protein 2

NCBI Official Symbol	C1QTNF2
NCBI Official Synonym Symbols	CTRP2; zacrp2
NCBI Protein Information	complement C1q tumor necrosis factor-related protein 2; complement-c1q tumor necrosis factor-related protein 2
UniProt Protein Name	Complement C1q tumor necrosis factor-related protein 2
UniProt Gene Name	C1QTNF2
UniProt Synonym Gene Names	CTRP2
UniProt Entry Name	C1QT2_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://www.aaabiotech.com/polyclonal/ctrp2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39913>