

Rabbit CTRP4 Polyclonal Antibody | anti-C1QTNF4 antibody

CTR4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40000	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

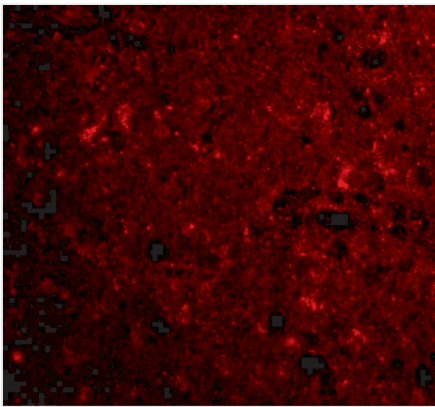
PRODUCT SYNONYMS

CTR4; Polyclonal Antibody; CTR4 Antibody; ZACRP4; Complement C1q tumor necrosis factor-related protein 4; C1q and tumor necrosis factor related protein 4; anti-C1QTNF4 antibody

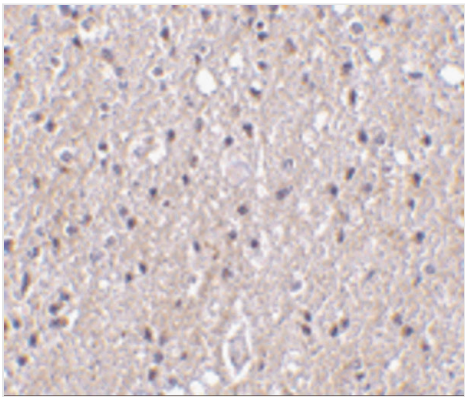
PRODUCT SPECIFICATIONS

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	CTR4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	329
Applicable Applications for anti-C1QTNF4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CTR4 antibody was raised against a 16 amino acid synthetic peptide from near the center of human CTR4. The immunogen is located within amino acids 90-140 of CTR4.
Buffer	CTR4 Antibody is supplied in PBS containing 0.02% sodium azide.
Positive Control	1. Rat Brain Tissue Lysate 2. Human Brain Tissue Lysate 3. Human Brain Tissue Slide
Preparation and Storage	CTR4 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.

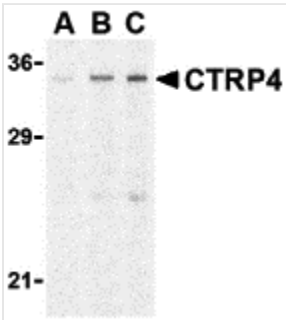
IMAGES



IF (Immunofluorescence)
Immunofluorescence of CTRP4 in human brain tissue with CTRP4 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of CTRP4 in human brain tissue with CTRP4 antibody at 10 μ g/mL.



WB (Western Blot)
Western blot analysis of CTRP4 in rat brain cell lysate with CTRP4 antibody at (A) 1, (B) 2, and (C) 4 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-C1QTNF4 antibody

CTRP4 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 paralog, 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. Multiple isoforms of mouse CTRP4 have been reported.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23243285
NCBI GeneID	114900
UniProt Accession #	Q9BXJ3; Q8IV25
Molecular Weight	35,256 Da
NCBI Official Full Name	C1q and tumor necrosis factor related protein 4
NCBI Official Synonym Full Names	C1q and tumor necrosis factor related protein 4
NCBI Official Symbol	C1QTNF4
NCBI Official Synonym Symbols	CTRP4; ZACRP4

NCBI Protein Information	complement C1q tumor necrosis factor-related protein 4; complement-c1q tumor necrosis factor-related protein 4
UniProt Protein Name	Complement C1q tumor necrosis factor-related protein 4
UniProt Gene Name	C1QTNF4
UniProt Synonym Gene Names	CTRP4
UniProt Entry Name	C1QT4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ctrp4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40000>