

Rabbit CTRP7 Polyclonal Antibody | anti-CTRP7 antibody

CTRP7 Antibody

CATALOG # AAA305513	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Western Blot, ELISA
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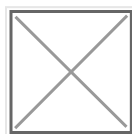
PRODUCT SYNONYMS

CTRP7; Polyclonal Antibody; CTRP7 Antibody; anti-CTRP7 antibody

PRODUCT SPECIFICATIONS

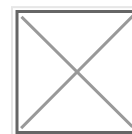
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	These proteins are often highly modified post-translationally and migrate in SDS-PAGE at positions other than their predicted size.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	289
Applicable Applications for anti-CTRP7 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Raised against recombinant human CTRP7.
Target Name	CTRP7
Preparation and Storage	Can be stored at -20 degree C, stable for 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



ICC (Immunocytochemistry)

Immunocytochemistry of CTRP7 in 293 cells with CTRP7 antibody at 10 ug/mL.



WB (Western Blot)

Western blot of recombinant CTRP7: (A) 5 ng, (B) 25 ng, and (C) 50 ng with CTRP2 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-CTRP7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	62913965
Molecular Weight	30,517 Da
NCBI Official Full Name	C1qTNF7
UniProt Protein Name	C1q and tumor necrosis factor related protein 7
UniProt Gene Name	C1qtnf7
UniProt Entry Name	Q5BKS0_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctrp7-antibody-immunocytochemistry-western-blot-elisa/305513>