CTRP3 Antibody

Catalog No: #24329

Orders: order@signalwayantibody.com
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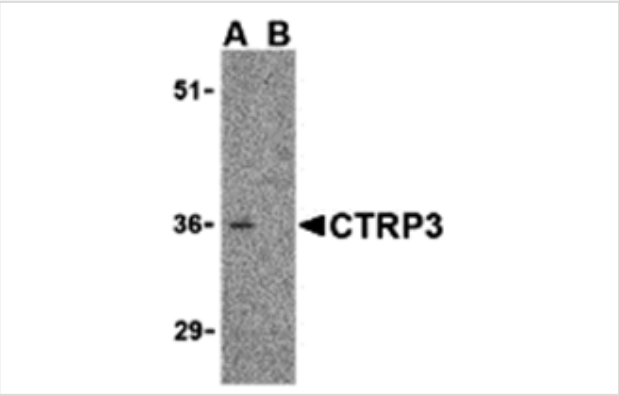
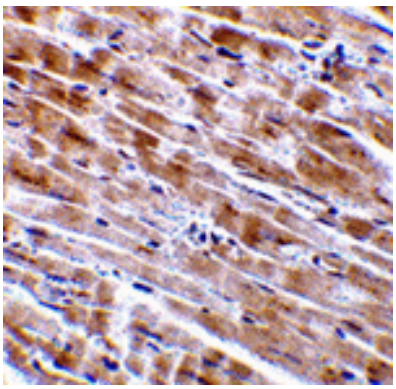
Description

Product Name	CTRP3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms
Specificity	These proteins are often highly modified post-translationally and migrate in SDS-PAGE at positions other than their predicted size.
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the center of human CTRP3.
Target Name	CTRP3
Other Names	CORS26
Accession No.	Swiss-Prot:Q9BXJ4Gene ID:114899
Uniprot	Q9BXJ4
GeneID	114899;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°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



Western blot analysis of CTRP3 in mouse heart cell lysate with CTRP3 antibody at 1 ug/mL in the (A) absence and (B) presence of blocking peptide.



Immunohistochemistry of CTRP3 in mouse heart tissue with CTRP3 antibody at 2 ug/mL.

Background

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. 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 human CTRP3 have been reported. It has been suggested that CTRP3 may play a role in skeletal development.

Note: This product is for in vitro research use only