

CTRP7 Rabbit pAb

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Catalog # AP55421

Product Information

Application	WB
Primary Accession	Q9BXJ2
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30683
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CTRP7
Epitope Specificity	51-150/289
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CTRP7 is a 289 amino acid secreted glycoprotein that contains one collagen-like domain and one C1q domain. In young obese mice, transcripts of CTRP1, CTRP2, CTRP3, CTRP6 and CTRP7 are found to be upregulated. CTRP7 is predominantly expressed in adipose tissue and may be a paralog of Acrp30 (adiponectin). Caloric restriction in young animals leads to an increase in serum Acrp30, however this is not the case with older animals. During caloric restriction in older animals, transcription of CTRP2 and CTRP7 is significantly induced in senescent skeletal muscle and myocardium. This however is not sufficient to activate AMPK to the same extent as in younger animals, therefore suggesting that CTRP2 and CTRP7 are not suitable substitutions for Acrp30 function.

Additional Information

Gene ID	114905
Other Names	Complement C1q tumor necrosis factor-related protein 7, C1QTNF7, CTRP7
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

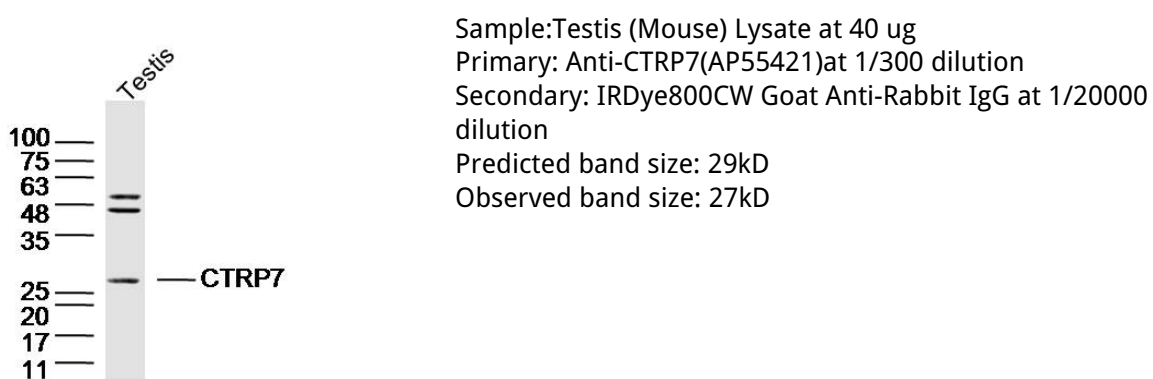
Protein Information

Name	C1QTNF7
Synonyms	CTRP7
Cellular Location	Secreted.

Background

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Images



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