

## **CTRP2 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55023

## **Specification**

## **CTRP2 Polyclonal Antibody - Product Information**

Application WB, IHC-P, IHC-F, IF, ICC, E

**Primary Accession 09BXI5** 

Reactivity Rat, Pig, Bovine Host **Rabbit** Clonality **Polyclonal** 

Calculated MW **27 KDa Physical State** Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human CTRP2

101-200/285 **Epitope Specificity** 

Isotype **Purity** 

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted.

**SIMILARITY** Contains 1 C1q domain. Contains 1

collagen-like domain.

This product as supplied is intended for Important Note research use only, not for use in human,

therapeutic or diagnostic applications.

### **Background Descriptions**

CTRP2 is a 285 amino acid secreted protein that contains one C1q domain and one collagen-like domain and is encoded by a gene that maps to human chromosome 5. Chromosome 5 contains 181 million base pairs and comprises nearly 6% of the human genome. Chromosome 5 is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5-associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the g arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

### CTRP2 Polyclonal Antibody - Additional Information

## **Gene ID** 114898

### Other Names

Complement C1q tumor necrosis factor-related protein 2, C1QTNF2, CTRP2

<span class ="dilution WB">WB~~1:1000</span><br \><span class</pre>

="dilution\_IHC-P">IHC-P~~N/A</span><br\><span class



="dilution\_IHC-F">IHC-F~~N/A</span><br \> < span class = "dilution\_IF">IF~~1:50~200</span> < br \> < span class = "dilution\_ICC">ICC~~N/A</span> < br \> < span class = "dilution\_E">E~~N/A</span>

### Storage

Store at -20  $^{\circ}$ 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  $^{\circ}$ C.

## **CTRP2 Polyclonal Antibody - Protein Information**

Name C1QTNF2

**Synonyms** CTRP2

### **Function**

Involved in the regulation of lipid metabolism in adipose tissue and liver.

**Cellular Location** 

Secreted.

**Tissue Location** 

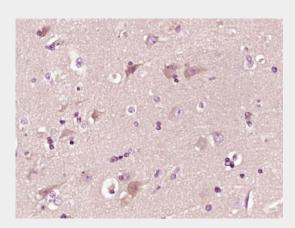
Expressed in adipose tissue.

## **CTRP2 Polyclonal Antibody - Protocols**

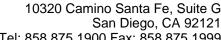
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# CTRP2 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in





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sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CTRP2) Polyclonal Antibody, Unconjugated (bs-12934R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.