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CTRP2 Rabbit pAb

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Catalog # AP55023

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BXJ5
Reactivity	Human
Predicted	Mouse, Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29952
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CTRP2
Epitope Specificity	101-200/285
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.
SIMILARITY	Contains 1 C1q domain. Contains 1 collagen-like domain.
Important Note	This product as supplied is intended for 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 q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Additional Information

Gene ID	114898
Other Names	Complement C1q tumor necrosis factor-related protein 2, C1QTNF2, CTRP2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	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.

Background

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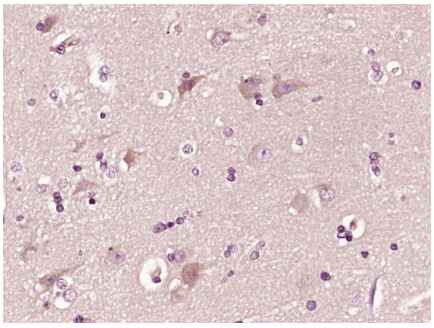
Images



Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in 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 (AP55023) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.