

C1QL3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11158a

Product Information

Application	WB, E
Primary Accession	Q5VWW1
Other Accession	Q9ESN4 , NP_001010908.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28771
Calculated MW	26719
Antigen Region	22-50

Additional Information

Gene ID	389941
Other Names	Complement C1q-like protein 3, C1q and tumor necrosis factor-related protein 13, C1q/TNF-related protein 13, C1QL3, CTRP13
Target/Specificity	This C1QL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-50 amino acids from the N-terminal region of human C1QL3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	C1QL3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	C1QL3
Synonyms	CTRP13

Function	May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses (By similarity). Plays a role in glucose homeostasis. Via AMPK signaling pathway, stimulates glucose uptake in adipocytes, myotubes and hepatocytes and enhances insulin-stimulated glucose uptake. In a hepatoma cell line, reduces the expression of gluconeogenic enzymes G6PC1 and PCK1 and hence decreases de novo glucose production (By similarity).
Cellular Location	Secreted.
Tissue Location	Highly expressed in adipose tissue, with expression levels at least 2 orders of magnitude higher than in other tissues, including brain and kidney.

Background

May have S-adenosyl-L-methionine-dependent methyl-transferase activity (Potential).

References

Deloukas, P., et al. Nature 429(6990):375-381(2004)
Koide, T., et al. J. Biol. Chem. 275(36):27957-27963(2000)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.