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C1QL3 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP11158a

Specification

C1QL3 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q5VWW1

C1QL3 Antibody (N-term) Blocking peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

C1QL3 Antibody (N-term) Blocking peptide - 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.

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C1QL3 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

C1QL3 Antibody (N-term) Blocking peptide - Images

C1QL3 Antibody (N-term) Blocking peptide - Background

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

C1QL3 Antibody (N-term) Blocking peptide - References

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