

Rabbit anti-Mouse C1QL3 Polyclonal Antibody | anti-C1QL3 antibody

C1QL3 Antibody (N-term)

CATALOG # AAA284740	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

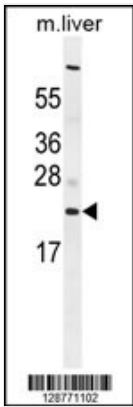
PRODUCT SYNONYMS

C1QL3; Polyclonal Antibody; C1QL3 Antibody (N-term); Complement C1q-like protein 3; C1q and tumor necrosis factor-related protein 13; C1q/TNF-related protein 13; CTRP13; anti-C1QL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	22-50
Sequence Length	213
Applicable Applications for anti-C1QL3 antibody	ELISA, WB (Western Blot)
Calculated MW	26719
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 G6PC 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
Preparation and 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.

IMAGES



WB (Western Blot)
C1QL3 Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the C1QL3 antibody detected the C1QL3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-C1QL3 antibody	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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	58801559
NCBI GeneID	389941
NCBI Accession #	NP_001010908.1
NCBI GenBank Nucleotide #	NM_001010908.1
UniProt Accession #	Q5VWW1; A0PJY4; A0PJY5
NCBI Official Full Name	complement C1q-like protein 3
NCBI Official Synonym Full Names	complement component 1, q subcomponent-like 3
NCBI Official Symbol	C1QL3
NCBI Official Synonym Symbols	C1ql; K100; CTRP13; C1QTNF13
NCBI Protein Information	complement C1q-like protein 3
UniProt Protein Name	Complement C1q-like protein 3
UniProt Gene Name	C1QL3
UniProt Synonym Gene Names	CTRP13; C1q/TNF-related protein 13
UniProt Entry Name	C1QL3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.