BT LAB
Bioassay Technology Laboratory
Optimize Your Research

C1qL2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01034
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human C1QL2. AA range:231-280
Mol wt	29591
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	C1qL2 Antibody
Synonyms	C1QL2; Complement C1q-like protein 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

C1qL2 (complement C1q-like protein 2), also known as CTRP10 or C1QTNF10, is a 287 amino acid secreted protein that contains one C1q domain and one collagen-like domain. C1qL2 belongs to a large family of multimeric proteins with a signature globular domain homologous to C1QA. These proteins also share structural homology with TNF family members. The gene that encodes C1qL2 consists of approximately 2,653 bases and maps to human chromosome 2q14.2. Consisting of 237 million bases, chromosome 2 encodes over 1,400 genes and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alström syndrome, is due to mutations in the ALMS1 gene.

Recommended Dilution

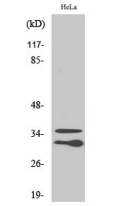
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

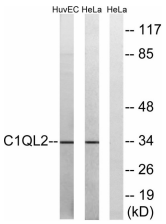
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using C1qL2 Polyclonal Antibody



Western blot analysis of lysates from HeLa and HUVEC cells, using C1QL2 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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