

**C1RL Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP7603c

**Specification**

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**C1RL Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q9NZP8](#)

**C1RL Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 51279

**Other Names**

Complement C1r subcomponent-like protein, C1r-LP, C1r-like protein, 3421-, C1r-like serine protease analog protein, CLSPa, C1RL, C1RL1, C1RLP, CLSPA

**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.

**C1RL Antibody (Center) Blocking Peptide - Protein Information**

Name C1RL

Synonyms C1RL1, C1RLP, CLSPA

**Function**

Mediates the proteolytic cleavage of HP/haptoglobin in the endoplasmic reticulum.

**Cellular Location**

Secreted.

**Tissue Location**

Highly expressed in placenta, liver, kidney, pancreas, moderately in lung, spleen, prostate, ovary, colon, and PBL, and weakly in heart, skeletal muscle, thymus, testis, and small intestine. Expressed in PC-3 (prostate adenocarcinoma) and SK-OV-3 (ovary adenocarcinoma) cells, but not in LoVo and HT-29 (colon adenocarcinoma), SMMC7721 (hepatocellular carcinoma), CaoV-3 (ovary adenocarcinoma), HeLa (cervix epithelioid carcinoma), MCF-7 (breast adenocarcinoma), U-251MG (glioma) or A-549 (lung carcinoma) cells Widely expressed in myeloid leukemia cell lines, including K-562 (chronic myelogenous leukemia), THP-1 (myelomonocytic leukemia), HL-60 and NB4 (promyelocytic leukemia), and KG-1 (acute myelogenous leukemia) cells. Expressed mainly in the liver and in serum (at protein level)

### **C1RL Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **C1RL Antibody (Center) Blocking Peptide - Images**

### **C1RL Antibody (Center) Blocking Peptide - Background**

C1RL mediates the proteolytic cleavage of HP/haptoglobin in the endoplasmic reticulum.

### **C1RL Antibody (Center) Blocking Peptide - References**

Lin,N., Liu,S. Biochem. Biophys. Res. Commun. 321 (2), 329-336 (2004)Wicher,K.B. Proc. Natl. Acad. Sci. U.S.A. 101 (40), 14390-14395 (2004)Cerhan,J.R., Novak,A.J. Br. J. Haematol. (2009)