

C1RL Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7603a**Specification**

C1RL Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9NZP8](#)**C1RL Antibody (N-term) 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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7603a](/products/AP7603a) was selected from the N-term region of human C1RL. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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 (N-term) 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 (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C1RL Antibody (N-term) Blocking Peptide - Images

C1RL Antibody (N-term) Blocking Peptide - Background

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

C1RL Antibody (N-term) 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) In press