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C1RL Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP7603c

Specification

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)

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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)