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CSHL1 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP13052b

Specification

CSHL1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q14406

CSHL1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 1444

Other Names
Chorionic somatomammotropin hormone-like 1, Chorionic somatomammotropin-like, Lactogen-like, CSHL1, CSHP1, CSL

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.

CSHL1 Antibody (C-term) Blocking peptide - Protein Information

Name CSHL1

Synonyms CSHP1, CSL

Function
May be a novel gestational hormone required to compensate for absence of other members of the GH/CS cluster during gestation.

Cellular Location
Secreted.

CSHL1 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

CSHL1 Antibody (C-term) Blocking peptide - Images

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CSHL1 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a member of thesomatotropin/prolactin family of hormones which play an importantrole in growth control. The gene, along with four other relatedgenes, is located at the growth hormone locus on chromosome 17where they are interspersed in the same transcriptionalorientation; an arrangement which is thought to have evolved by aseries of gene duplications. Although the five genes share aremarkably high degree of sequence identity, they are expressedselectively in different tissues. This particular family member isexpressed in placental villi, although it was originally thought tobe a pseudogene. In fact, alternative splicing suggests that themajority of the transcripts would be unable to express a secretedprotein. Alternatively spliced transcript variants encodingdifferent isoforms have been identified.

CSHL1 Antibody (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Misra-Press, A., et al. J. Biol. Chem. 269(37):23220-23229(1994)MacLeod, J.N., et al. J. Biol. Chem. 267(20):14219-14226(1992)Vnencak-Jones, C.L., et al. Science 250(4988):1745-1748(1990)