

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

CSHL1 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. Although the five genes share a remarkably high degree of sequence identity, they are expressed selectively in different tissues. This particular family member is expressed in placental villi, although it was originally thought to be a pseudogene. In fact, alternative splicing suggests that the majority of the transcripts would be unable to express a secreted protein. Alternatively spliced transcript variants encoding different 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)