

CSH1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10929b**Specification**

CSH1 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [P01243](#)**CSH1 Antibody (C-term) Blocking peptide - Additional Information****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.

CSH1 Antibody (C-term) Blocking peptide - Protein Information**CSH1 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

CSH1 Antibody (C-term) Blocking peptide - Images**CSH1 Antibody (C-term) Blocking peptide - Background**

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones and plays an important role in growth control. The gene is located at the growth hormone locus on chromosome 17 along with four other related genes 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. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed mainly in the placenta and utilizes multiple transcription initiation sites. Expression of the identical mature proteins for chorionic somatomammotropin hormones 1 and 2 is upregulated during development, although the ratio of 1 to 2 increases by term. Mutations in this gene result in placental lactogen deficiency and Silver-Russell syndrome. [provided by RefSeq].

CSH1 Antibody (C-term) Blocking peptide - References

Voorhees, J.L., et al. J. Biol. Chem. 285(26):20022-20030(2010) Mannik, J., et al. J. Clin. Endocrinol.

Metab. 95(5):2433-2442(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)Varvarigou, A.A., et al. J Perinat Med 37(4):364-369(2009)Chen, Y., et al. Cancer Res. 68(23):9729-9734(2008)