10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CSHL1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13052b

Specification

CSHL1 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q14406
Other Accession	P0DML3, P0DML2, NP_072103.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**25391**
Antigen Region	**156-185**

CSHL1 Antibody (C-term) - Additional Information

Gene ID 1444

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

Target/Specificity
This CSHL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-185 amino acids from the C-terminal region of human CSHL1.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CSHL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CSHL1 Antibody (C-term) - 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.

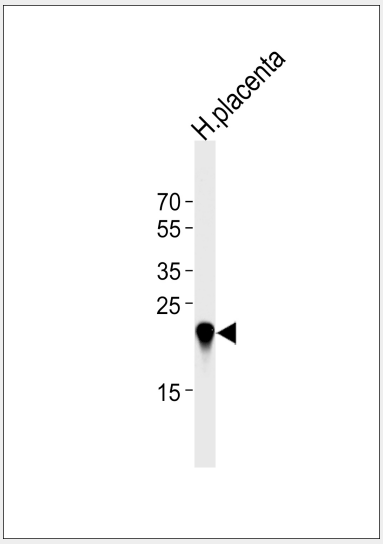
Cellular Location
Secreted.

CSHL1 Antibody (C-term) - Protocols

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

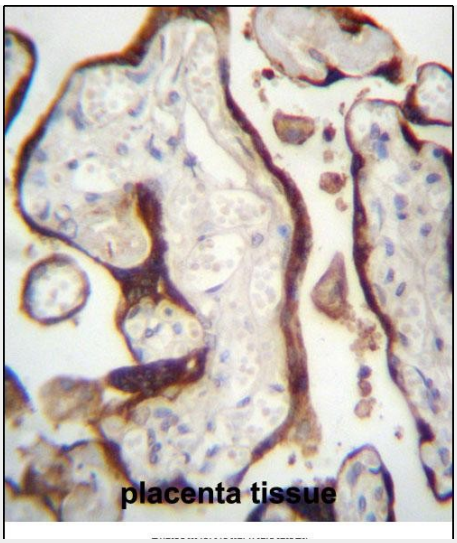
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CSHL1 Antibody (C-term) - Images



Western blot analysis of lysate from human placenta tissue lysate, using CSHL1 Antibody (C-term)(Cat. #AP13052b). AP13052b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



CSHL1 Antibody (C-term) (Cat. #AP13044a)immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CSHL1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

CSHL1 Antibody (C-term) - 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) - 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)