

Product datasheet for **TA346286**

CSHL1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CSHL1 antibody: synthetic peptide directed towards the C terminal of human CSHL1. Synthetic peptide located within the following region: GQTLKQTYSKFDTNSHNHDALLKNYGLLHCFRKDMDKVETFLRMVQCRSV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	chorionic somatomammotropin hormone like 1
Database Link:	NP_072103 Entrez Gene 1444 Human Q14406



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Background:

CSHL1 is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. 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. 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.

Synonyms:

CS-5; CSHP1; CSL; hCS-L

Note:

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families:

Secreted Protein

Product images:

WB Suggested Anti-CSHL1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human Placenta