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

CSHL1 Recombinant Rabbit mAb

Catalog # AP100087

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q14406
Other Accession	Q14406
Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Calculated MW	25391
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the somatotropin/prolactin family.
Background Descriptions	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. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	1444
Other Names	CS-5; CSHP1; CSL; GHB4; hCS-L; CSHL_HUMAN; CSHL1; Chorionic somatomammotropin-like; Lactogen-like; chorionic somatomammotropin hormone like 1; chorionic somatomammotropin CS-5; Chorionic somatomammotropin hormone-like 1
Dilution	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.