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# Datasheet for ABIN656976 anti-CSHL1 antibody (C-Term)

2 Images



#### Overview

Quantity:	400 µL
Target:	CSHL1
Binding Specificity:	AA 156-185, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSHL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	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.
Clone:	RB32938
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	CSHL1
Alternative Name:	CSHL1 (CSHL1 Products)
Background:	The protein encoded by this gene is a member of the somatotropin/prolactin family of

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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.

Molecular Weight:	25391
Gene ID:	1444
NCBI Accession:	NP_072101, NP_072102, NP_072103
UniProt:	Q14406

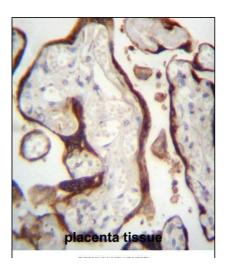
## Application Details

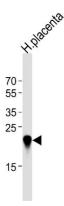
Application Notes:	WB: 1:1000. IHC-P: 1:10~50	
Restrictions:	For Research Use only	

## Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	CSHL1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.	
Expiry Date:	6 months	

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#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** CSHL1 Antibody (C-term) 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.

#### Western Blotting

**Image 2.** Western blot analysis of lysate from human placenta tissue lysate, using CSHL1 Antibody (C-term) (ABIN656976 and ABIN2846160). (ABIN656976 and ABIN2846160) 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 35 µg per lane.

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