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Datasheet for ABIN951712
anti-CSHL1 antibody (C-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	CSHL1
Binding Specificity:	AA 132-152, 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)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 132-152 amino acids from the C-terminal region of human CSHL1
Isotype:	Ig Fraction
Specificity:	This antibody reacts to human CSHL1.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CSHL1
Alternative Name:	CSHL1 (CSHL1 Products)

Target Details

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. Synonyms: CSHP1, CSL, Chorionic somatomammotropin hormone-like 1, Chorionic somatomammotropin-like, Lactogen-like

Molecular Weight: 25391 Da

Gene ID: 1444

NCBI Accession: [NP_001309](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % (W/V) sodium azide

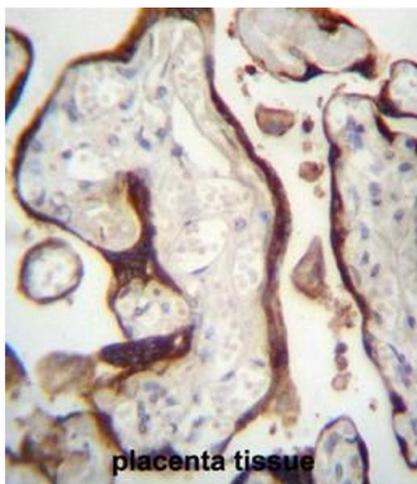
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

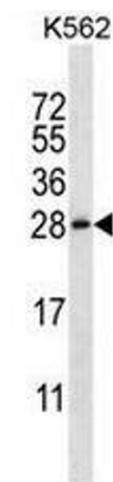
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



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. CSHL1 Antibody (C-term) western blot analysis in K562 cell line lysates (35µg/lane). This demonstrates the CSHL1 antibody detected the CSHL1 protein (arrow).