

# PRODUCT DATA SHEET

Bioworld Technology,Inc.

# **CSHL1** Recombinant Rabbit mAb

Catalog: BS46732 Host: Rabbit Reactivity: Human

### **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. [provided by RefSeq, Jul 2008]

### **Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

## **Molecular Weight:**

25 kDa

### **Swiss-Prot:**

Q14406

# **Purification&Purity:**

**Affinity Purification** 

### **Applications:**

WB: 1:2000-1:10000<br />IHC: 1:50

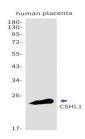
### **Storage&Stability:**

Store at  $4\,\mathrm{C}$  short term. Aliquot and store at  $-20\,\mathrm{C}$  long term. Avoid freeze-thaw cycles.

#### **Isotype:**

IgG

### **DATA:**



Western blot detection of CSHL1 in human placenta cell lysates using CSHL1 antibody(1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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