

Anti-Human CSH Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA04538**

3th Edition

Description:CSH1 (Chorionic Somatomammotropin Hormone 1) is a Protein Coding gene. Diseases associated with CSH1 include Choriocarcinoma and Persistent Fetal Circulation Syndrome. Among its related pathways are Innate Immune System and Peptide ligand-binding receptors. GO annotations related to this gene include hormone activity. An important paralog of this gene is CSH2. The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones and plays an important role in growth control. The gene is located at the growth hormone locus on chromosome 17 along with four other related genes 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. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed mainly in the placenta and utilizes multiple transcription initiation sites. Expression of the identical mature proteins for chorionic somatomammotropin hormones 1 and 2 is upregulated during development, although the ratio of 1 to 2 increases by term. Mutations in this gene result in placental lactogen deficiency and Silver-Russell syndrome.

Antigen:Synthetic peptide from human protein

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: