DNAxPAb | Hard-to-Find Antibody

CSH1 DNAxPab

Catalog # H00001442-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CSH1 DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAPGSRTSLLLAFALLCLPWLQEAGAVQTVPLSRLFDHAMLQAHRAHQLAIDTYQEFEETYIPKD QKYSFLHDSQTSFCFSDSIPTPSNMEETQQKSNLELLRISLLLIESWLEPVRFLRSMFANNLVYDTS DSDDYHLLKDLEEGIQTLMGRLEDGSRRTGQILKQTYSKFDTNSHNHDALLKNYGLLYCFRKDMD KVETFLRMVQCRSVEGSCGF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CSH1

Entrez GeneID	1442
GeneBank Accession#	NM_001317.3
Protein Accession#	NP_001308.1
Gene Name	CSH1
Gene Alias	CSA, CSMT, FLJ75407, PL
Gene Description	chorionic somatomammotropin hormone 1 (placental lactogen)
Omim ID	150200
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones a nd plays an important role in growth control. The gene is located at the growth hormone locus on c hromosome 17 along with four other related genes in the same transcriptional orientation; an arra ngement which is thought to have evolved by a series of gene duplications. Although the five gene s 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, le ading to further diversity and potential for specialization. This particular family member is express ed mainly in the placenta and utilizes multiple transcription initiation sites. Expression of the identi cal mature proteins for chorionic somatomammotropin hormones 1 and 2 is upregulated during d evelopment, although the ratio of 1 to 2 increases by term. Mutations in this gene result in placent al lactogen deficiency and Silver-Russell syndrome. [provided by RefSeq
Other Designations	CS-1|choriomammotropin|chorionic somatomammotropin A|chorionic somatomammotropin horm one 1|hCS-A|placental lactogen

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway
- Neuroactive ligand-receptor interaction

Disease

- Birth Weight

- Body Weight
- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease
- Metabolic Syndrome X