

Rabbit CSH1 Polyclonal Antibody | anti-CSH1 antibody

CSH1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198628	Rabbit	Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

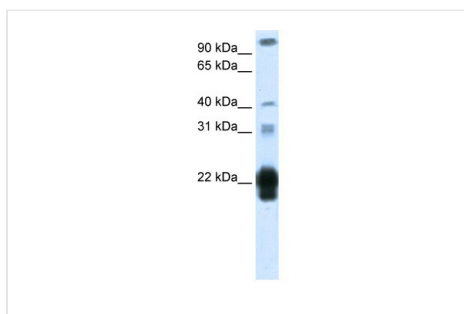
PRODUCT SYNONYMS

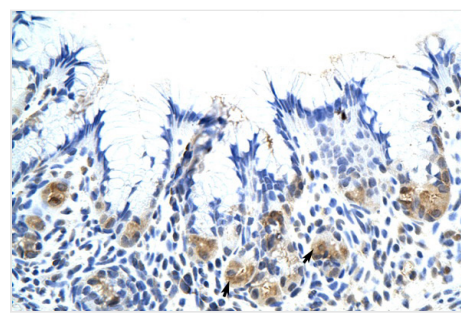
CSH1; Polyclonal Antibody; CSH1 antibody - middle region; anti-CSH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SM FANNLVYDTS DSDDYHLLKD LEEGIQTLMG RLEDGSRRTG QILKQTYS
Sequence Length	217
Applicable Applications for anti-CSH1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CSH1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CSH1 Antibody Titration: 1.25ug/ml
ELISA Titer: 1:312500
Positive Control: Human Placenta

IHC (Immunohistochemistry)

Rabbit Anti-CSH1 Antibody
Paraffin Embedded Tissue: Human Stomach
Cellular Data: Epithelial cells of fundic gland
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-CSH1 antibody	This is a rabbit polyclonal antibody against CSH1. It was validated on Western Blot and immunohistochemistry Target Description: CSH1 is a member of the somatotropin/prolactin family of hormones and plays an important role in growth control. 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. 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.
Product Categories/Family for anti-CSH1 antibody	Polyclonal; RNA Binding Proteins; Signal Proteins; Growth Factors & Hormones; Developmental Biology; Disease Related; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503083
NCBI GeneID	1442
NCBI Accession #	NP_001308
NCBI GenBank Nucleotide #	NM_001317
UniProt Accession #	P01243; P0DML2
Molecular Weight	24kDa
NCBI Official Full Name	chorionic somatomammotropin hormone 1
NCBI Official Synonym Full Names	chorionic somatomammotropin hormone 1
NCBI Official Symbol	CSH1
NCBI Official Synonym Symbols	PL; CSA; CS-1; CSMT; GHB3; hCS-1; hCS-A
NCBI Protein Information	chorionic somatomammotropin hormone 1
UniProt Protein Name	Chorionic somatomammotropin hormone
UniProt Gene Name	CSH1
UniProt Synonym Gene Names	Choriomammotropin; PL
UniProt Entry Name	CSH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.