

Rabbit anti-Human Placental lactogen (CSH1) Monoclonal Antibody | anti-CSH1 antibody

Placental lactogen (CSH1) Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282713	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

Placental lactogen (CSH1); Monoclonal Antibody; Placental lactogen (CSH1) Rabbit mAb; PL; CSA; CS-1; CSMT; GHB3; hCS-1; hCS-A; anti-CSH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MAPGSRTSL LAFALLCLPW LQEAGAVQTV PLSRLFDHAM LQAHRAHQLA IDTYQEFEET YIPKDQKYSF LHDSQTSFCF SDSIPTPSNM EETQQKSNLE
Applicable Applications for anti-CSH1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Placental lactogen (CSH1)(CSH1)(P0DML2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded human placenta using Placental lactogen (CSH1) (CSH1) Rabbit mAb (AAA282713) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human placenta using Placental lactogen (CSH1) (CSH1) Rabbit mAb (AAA282713) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CSH1 antibody	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	Immunology Inflammation; Cytokines; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	190034
NCBI GeneID	1442
UniProt Accession #	P01243; Q0VDB1; Q14407
Molecular Weight	Calculated MW: 25kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/placental-lactogen-csh1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/282713>