

Rabbit anti-Human Placental Lactogen Polyclonal Antibody | anti-PL antibody

Placental Lactogen Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268608	Rabbit	Human	ELISA, Immunofluorescence, Immunoprecipitation, Immunohistochemistry, Western Blot

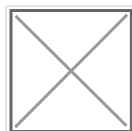
PRODUCT SYNONYMS

Placental Lactogen; Polyclonal Antibody; Placental Lactogen Rabbit pAb; CS2; CSA; CSB; CSH1; CSH2; CSMT; hCS; HCSB; Lactogen; mplII; PI2; Placental lactogen; Placental lactogen II; Prl3b1; Prolactin 3B1; Rplii; anti-PL antibody

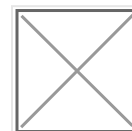
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous CSH1 protein
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	217
Applicable Applications for anti-PL antibody	ELISA, IF (Immunofluorescence), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide from human protein at AA range: 161-210
Function	Similar to that of somatotropin.,miscellaneous:The sequence of CSH1 is shown.,similarity:Belongs to the somatotropin/prolactin family.
Subcellular Location	Extracellular region,endoplasmic reticulum,vesicle,membrane-bounded vesicle
Expression	Placenta,Uterus
Preparation and Storage	-15°C to -25°C/1 year(Do not lower than -25°C

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PL antibody	Background: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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190034
NCBI GeneID	1442
UniProt Accession #	P01243; P0DML2; P0DML3
Molecular Weight	25kDa (observed MW)
NCBI Official Full Name	placental lactogen
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/placental-lactogen-antibody-immunofluorescence-immunoprecipitation-immunohistochemistry-western-blot-elisa/268608>