



Humanm Placental lactogen (hPL) (ABT540) Mouse mAb

Immunogen Synthesized peptide derived from human Anti-HumanPlacental lactogen Specificity The antibody can recognize human Placental lactogen and GH protein. Formulation PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein Source Mouse, Monoclonal/IgG1, Kappa Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution IHC-p 1:200-400, Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cytoplasmic Tissue Specificity Placenta alternative products: Additional isoforms seem to exist, disease: Defects in GH1 a a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400]:		
Reactivity Human Applications IHC Gene Name CSH1/CSH2/GH1 Protein Name Lactogen Placental lactogen PL hPL gH GH-N GH1 Growth hormone and Growth hormone B5 Growth hormone B6 Growth hormone B7 Growth Hormone B	Catalog No	BYab-15709
Applications IHC Gene Name CSH1/CSH2/GH1 Protein Name Lactogen Placental lactogen PL hPL gH GH-N GH1 GHB5 GHN Growth hormone 1 Growth hormone Growth hormone B5 Growth hormone normal Growth hormone, pituitary HG1 hGH-N IGHD1B Pituitary growth hormone RNG Immunogen Synthesized peptide derived from human Anti-HumanPlacental lactogen Specificity The antibody can recognize human Placental lactogen and GH protein. Formulation PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein Source Mouse, Monoclonal/IgG1, Kappa Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution IHC-p 1:200-400, Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cytoplasmic Tissue Specificity Placenta alternative products: Additional isoforms seem to exist, disease: Defects in GH1 a a cause of isolated growth hormone deficiency type IB (IGHD IB) IMIM:2624001	Isotype	IgG
Gene Name CSH1/CSH2/GH1 Protein Name Cactogen Placental lactogen PL hPL gH GH-N GH1 GHB5 GHN Growth hormone 1 Growth hormone Growth hormone B5 Growth hormone normal Growth hormone Growth hormone B5 Growth hormone RNG Immunogen Synthesized peptide derived from human Anti-HumanPlacental lactogen Specificity The antibody can recognize human Placental lactogen and GH protein. Formulation PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein Source Mouse, Monoclonal/IgG1, Kappa Purification The antibody was affinity-purified from mouse ascites by affinity-chromatograph using specific immunogen. Dilution IHC-p 1:200-400, Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cytoplasmic Tissue Specificity Placenta a cause of isolated growth hormone deficiency type IB (IGHD IB) IMIM:2624001	Reactivity	Human
Protein Name Lactogen Placental lactogen PL hPL gH GH-N GH1 GHB5 GHN Growth hormone 1 Growth hormone Growth hormone B5 normal Growth hormone Pituitary HG1 hGH-N IGHD1B Pituitary growth hormone RNG Immunogen Synthesized peptide derived from human Anti-HumanPlacental lactogen Specificity The antibody can recognize human Placental lactogen and GH protein. Formulation PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein Source Mouse, Monoclonal/IgG1, Kappa Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution IHC-p 1:200-400, Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cytoplasmic Tissue Specificity Placenta a cause of isolated growth hormone deficiency type IB (IGHD IB) IMIM:2624001:	Applications	IHC
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Specificity The antibody can recognize human Placental lactogen and GH protein. Formulation PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein Source Mouse, Monoclonal/IgG1, Kappa Purification The antibody was affinity-purified from mouse ascites by affinity-chromatographiusing specific immunogen. Dilution IHC-p 1:200-400, Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cytoplasmic Tissue Specificity Placenta Function alternative products:Additional isoforms seem to exist, disease: Defects in GH1 at a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400]:	Protein Name	Lactogen Placental lactogen PL hPL gH GH-N GH1 GHB5 GHN Growth hormone 1 Growth hormone Growth hormone B5 Growth hormone, normal Growth hormone, pituitary HG1 hGH-N IGHD1B Pituitary growth hormone RNG
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Synonyms Observed Band Cell Pathway Cytoplasmic Tissue Specificity Placenta Function alternative products:Additional isoforms seem to exist, disease:Defects in GH1 at a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400]:	Purity	≥90%
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Cell Pathway Cytoplasmic Tissue Specificity Placenta Function alternative products:Additional isoforms seem to exist, disease:Defects in GH1 at a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400];	Synonyms	
Tissue Specificity Placenta Function alternative products:Additional isoforms seem to exist, disease:Defects in GH1 as a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400];	Observed Band	
Function alternative products:Additional isoforms seem to exist, disease:Defects in GH1 at a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400];	Cell Pathway	Cytoplasmic
a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400];	Tissue Specificity	Placenta
growth hormone deficiency type II (IGHD II) [MIM:173100]. IGHD II is an autosomal dominant deficiency of GH which causes short stature.,disease:Defects in GH1 are the cause of Kowarski syndrome	Function	alternative products:Additional isoforms seem to exist, disease:Defects in GH1 are a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400]; also known as pituitary dwarfism I. IGHD IB is an autosomal recessive deficiency of GH which causes short stature., disease:Defects in GH1 are a cause of isolated growth hormone deficiency type II (IGHD II) [MIM:173100]. IGHD II is an autosomal dominant deficiency of GH which causes short stature., disease:Defects in GH1 are the cause of Kowarski syndrome [MIM:262650]; also known as pituitary dwarfism VI., disease:Defects in GH1 may

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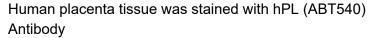


	be a cause of short stature [MIM:604271]. Short stature is defined by a subnormal rate of growth.,function:Plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and prolifera
Background	The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. The five genes share a remarkably high degree of sequence identity. 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 in the pituitary but not in placental tissue as is the case for the other four genes in the growth hormone locus. Mutations in or deletions of the gene lead to growth hormone deficiency and short stature. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

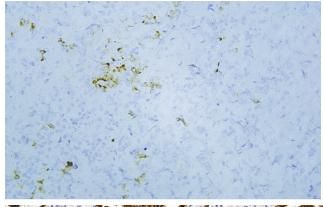




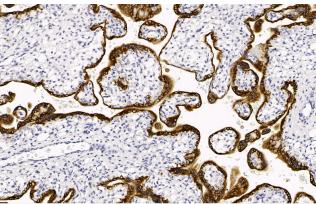
Products Images



Human pituitary adenoma tissue was stained with Anti-GH + hPL (ABT540) Antibody



Human placenta tissue was stained with Anti-GH + hPL (ABT540) Antibody



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