

Placental lactogen Polyclonal antibody

Catalog Number: **10178-1-AP**

Basic Information

Catalog Number: 10178-1-AP	GenBank Accession Number: BC002717	Purification Method: Antigen affinity purification
Size: 700 µg/ml	GeneID (NCBI): 1442	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: PODML3	
Isotype: IgG	Full Name: chorionic somatomammotropin hormone 1 (placental lactogen)	
Immunogen Catalog Number: AG0201	Calculated MW: 25 kDa Observed MW: 22-25 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human	WB : human placenta tissue, IHC : human placenta tissue,
Note-IHC: suggested antigen retrieval with <i>TE buffer pH 9.0</i>; (*) Alternatively, antigen retrieval may be performed with <i>citrate buffer pH 6.0</i>	

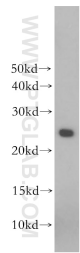
Background Information

Chorionic somatomammotropin hormone 1 (placental lactogen, CSH1), is a hormone with the molecular weight of 25 kDa. The data suggest that this protein may link with the Silver-Russell syndrome (SRS), a disease of pre- and postnatal growth restriction and a characteristic small, triangular face. SRS is also accompanied by other dysmorphic features including fifth finger clinodactyly and skeletal asymmetry.

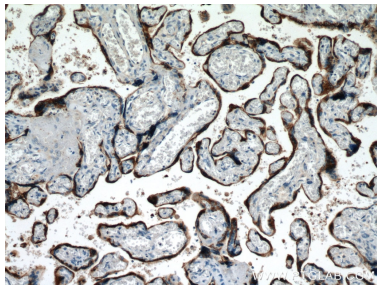
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

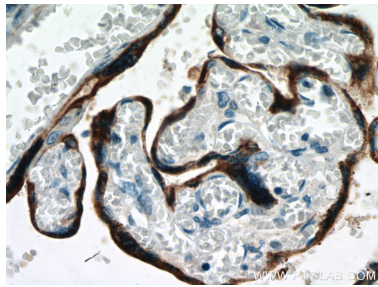
Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 10178-1-AP (Placental lactogen antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10178-1-AP (Placental lactogen antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10178-1-AP (Placental lactogen antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).