

Placental lactogen Polyclonal antibody

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

Basic Information

Catalog Number:

10178-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0201

GenBank Accession Number:

BC002717

GeneID (NCBI):

1442

UNIPROT ID:

PODML3

Full Name:

chorionic somatomammotropin hormone 1 (placental lactogen)

Calculated MW:

25 kDa

Observed MW:

22-25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human placenta tissue,

IHC : human placenta tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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:

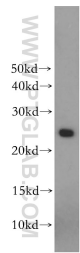
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

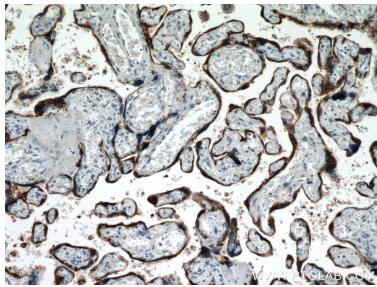
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

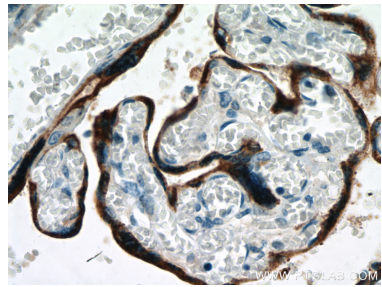
Selected Validation Data



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).