For Research Use Only

Placental lactogen Polyclonal antibody

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Catalog Number: 10178-1-AP

Basic Information

Catalog Number: 10178-1-AP Size:

700 µ g/ml 1442

Source: UNIPROT ID:

Rabbit PODML3

Isotype: Full Name:
IgG chorionic somatomammotropin

Immunogen Catalog Number:

with citrate buffer pH 6.0

AG0201

hormone 1 (placental lactogen)
Calculated MW:

GenBank Accession Number:

BC002717

GeneID (NCBI):

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:

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

Positive Controls:

WB: human placenta tissue,

IHC: human placenta tissue,

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:

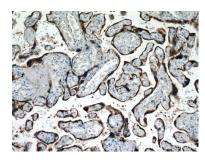
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

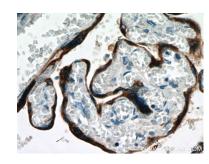
Selected Validation Data

 $50kd \rightarrow 40kd \rightarrow 30kd \rightarrow 20kd \rightarrow 15kd \rightarrow 10kd \rightarrow$

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 paraffinembedded 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 paraffinembedded 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).