GCM1 Polyclonal antibody

Catalog Number:**21724-1-AP**   **2 Publications**

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Basic Information

Catalog Number:
21724-1-AP

Size:
150ul , Concentration: 200 ug/ml by Nanodrop and 147 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16383

GenBank Accession Number:
BC096288

GeneID (NCBI):
8521

UNIPROT ID:
Q9NP62

Full Name:
glial cells missing homolog 1 (Drosophila)

Calculated MW:
436 aa, 49 kDa

Observed MW:
45-50 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000
IHC 1:250-1:1000

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

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

Positive Controls:

WB : HepG2 cells, HeLa cells

IHC : human placenta tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Peng	33757527	Reprod Biol Endocrinol	WB
Jiayi Wu	38317232	BMC Med	WB

Storage

Storage:
Store at -20℃. 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

***** 20ul sizes contain 0.1% BSA**

Selected Validation Data

Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21724-1-AP (GCM1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21724-1-AP (GCM1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

250 kDa→
150 kDa→
100 kDa→
70 kDa→
50 kDa→
40 kDa→
30 kDa→
20 kDa→
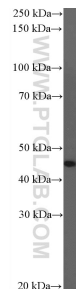
HepG2 cells were subjected to SDS PAGE followed by western blot with 21724-1-AP (GCM1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.