

For Research Use Only

ACBD5 Polyclonal antibody

Catalog Number: 21080-1-AP

3 Publications



Basic Information

Catalog Number:

21080-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15287

GenBank Accession Number:

BC030555

GeneID (NCBI):

91452

UNIPROT ID:

Q5T8D3

Full Name:

acyl-Coenzyme A binding domain containing 5

Calculated MW:

534 aa, 60 kDa

Observed MW:

60-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:5000-1:50000

IHC: 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

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 : HeLa cells, mouse skeletal muscle tissue, L02 cells, MCF-7 cells

IHC : human ovary cancer tissue, human stomach tissue

Background Information

ACBD5, also known as RDLKD. It is expected to be located in the peroxisome membrane, which is ubiquitinated in brain and kidney tissue. This gene encodes a member of the acyl-Coenzyme A binding protein family, known to function in the transport and distribution of long chain acyl-Coenzyme A in cells. This gene may play a role in the differentiation of megakaryocytes and formation of platelets. A related protein in yeast is involved in autophagy of peroxisomes. A mutation in this gene has been associated with autosomal dominant thrombocytopenia. The molecular weight of ACBD5 is 60 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Pamela A Young	30190326	J Biol Chem	WB
Yannick Das	30604065	Mol Cell Biochem	WB
Iris D Montes	39386596	bioRxiv	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

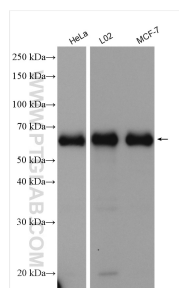
T: 4006900926

E: Proteintech-CN@ptglab.com

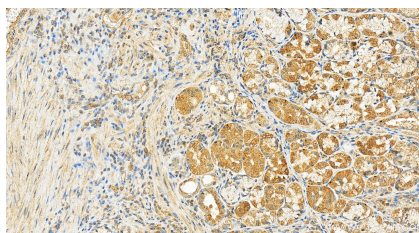
W: ptgcn.com

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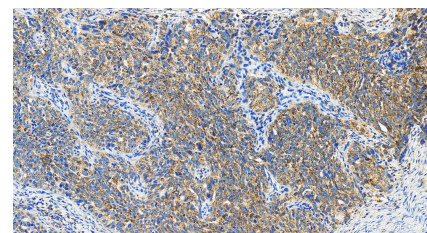
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21080-1-AP (ACBD5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 21080-1-AP (ACBD5 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 21080-1-AP (ACBD5 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).