

For Research Use Only

ACSM5 Polyclonal antibody

Catalog Number: 16591-1-AP



Basic Information

Catalog Number: 16591-1-AP	GenBank Accession Number: BC016703	Purification Method: Antigen affinity purification
Size: 300 µg/ml	GeneID (NCBI): 54988	Recommended Dilutions: WB 1:200-1:1000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: Q6NUN0	
Isotype: IgG	Full Name: acyl-CoA synthetase medium-chain family member 5	
Immunogen Catalog Number: AG9373	Calculated MW: 208 aa, 23 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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: mouse liver tissue,

IHC: human liver cancer tissue, mouse liver tissue

Background Information

ACSM5(Acyl-CoA synthetase medium-chain family member 5) is also named as MACS3 and belongs to the ATP-dependent AMP-binding enzyme family. ACSM5 has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in vitro). This protein has 2 isoforms produced by alternative splicing.

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

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

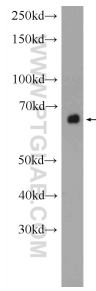
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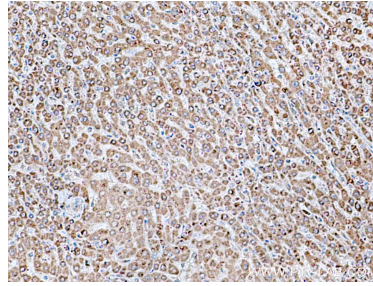
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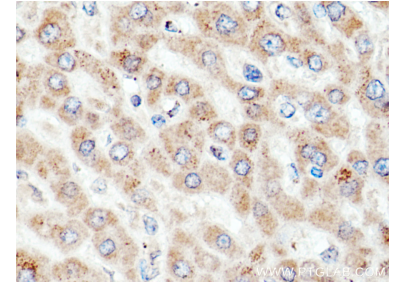
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 16591-1-AP (ACSM5 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16591-1-AP (ACSM5 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 liver cancer tissue slide using 16591-1-AP (ACSM5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).