

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: 150UL, Concentration: 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54988	Recommended Dilutions: WB 1:200-1:1000 IHC 1:250-1:1000
Source: Rabbit	Full Name: acyl-CoA synthetase medium-chain family member 5	
Isotype: IgG	Calculated MW: 208 aa, 23 kDa	
Immunogen Catalog Number: AG9373	Observed MW: 65 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB: mouse liver tissue, IHC: human liver cancer tissue, mouse liver 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

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.

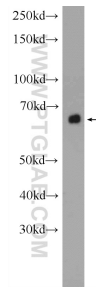
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

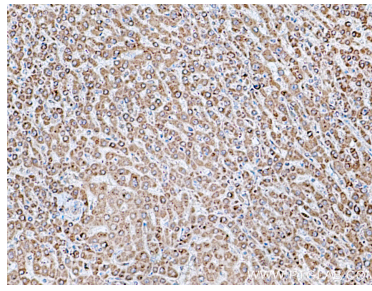
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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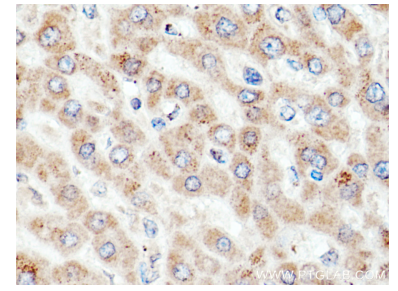
Selected Validation Data



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).