

ACSM3 Polyclonal antibody

Catalog Number: 10168-2-AP

Featured Product

6 Publications

Basic Information

Catalog Number:

10168-2-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0224

GenBank Accession Number:

BC002790

GeneID (NCBI):

6296

UNIPROT ID:

Q53FZ2

Full Name:

acyl-CoA synthetase medium-chain family member 3

Calculated MW:

49 kDa, 66 kDa

Observed MW:

60-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:10-1:100

Applications

Tested Applications:

FC, IF/ICC, IHC, WB, ELISA

Cited Applications:

IF, IHC, 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 : HEK-293 cells, mouse kidney tissue

IHC : human kidney tissue, human prostate cancer tissue

IF : HepG2 cells,

Background Information

SA hypertension-associated rat homolog (SAH, synonym: SA) is expressed at 10-fold greater levels in the kidney of the spontaneously hypertensive rat than in the corresponding wild-type strain. The gene is linked to blood pressure levels in a number of crosses involving the spontaneously hypertensive rat and other strains of genetically hypertensive rats. Human SAH gene polymorphism may be associated with the renal prognosis of immunoglobulin A nephropathy through its effect on blood pressure. Furthermore, variation in SAH has a role in predisposition.

Notable Publications

Author	Pubmed ID	Journal	Application
Paul Dowling	31776009	Eur J Cell Biol	WB, IF
Limei Yan	33869039	Front Oncol	WB, IHC
Lingyun Zhang	34322485	Front Cell Dev Biol	IHC

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

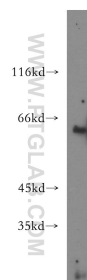
For technical support and original validation data for this product please contact:

T: 4006900926

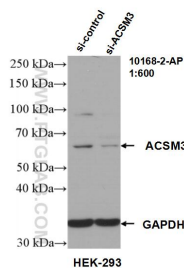
E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

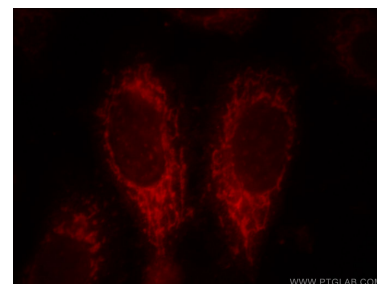
Selected Validation Data



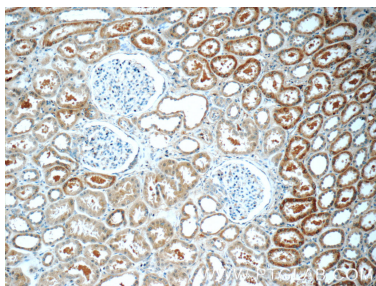
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10168-2-AP (ACSM3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



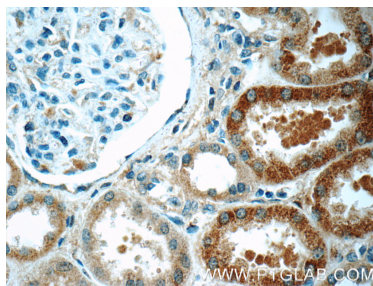
WB result of ACSM3 antibody (10168-2-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACSM3 transfected HEK-293 cells.



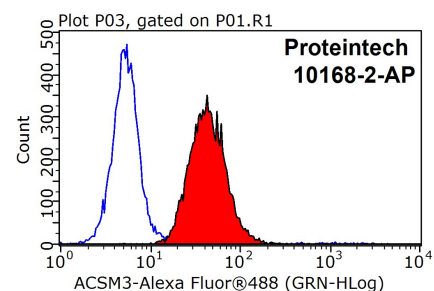
Immunofluorescent analysis of HepG2 cells, using ACSM3 antibody 10168-2-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10168-2-AP (ACSM3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10168-2-AP (ACSM3 Antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ HepG2 cells were stained with 0.2ug ACSM3 antibody (10168-2-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.