

For Research Use Only

PSAP Polyclonal antibody

Catalog Number: 18397-1-AP

Featured Product



Basic Information

Catalog Number:

18397-1-AP

Size:

240 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13264

GenBank Accession Number:

BC001503

GeneID (NCBI):

5660

UNIPROT ID:

P07602

Full Name:

prosaposin

Calculated MW:

58 kDa

Observed MW:

58 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

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 : HEK-293 cells, PC-3 cells, HepG2 cells, L02 cells, MCF-7 cells

IHC : human prostate cancer tissue, human liver cancer tissue

IF/ICC : A431 cells,

Background Information

proteins' (SAPs) that assist in the lysosomal hydrolysis of sphingolipids. After proteolytic processing of the prosaposin protein, these 4 released polypeptides are functional activators. Saposin A was encoded by residues 60 to 143 of PSAP, saposin B by 195 to 275, saposin C by 311 to 390, and saposin D by 405 to 487. There are four 12-14 kDa heatstable glycoproteins. This antibody should recognize saposin B.

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:

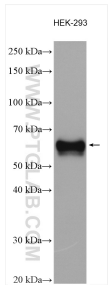
T: 4006900926

E: Proteintech-CN@ptglab.com

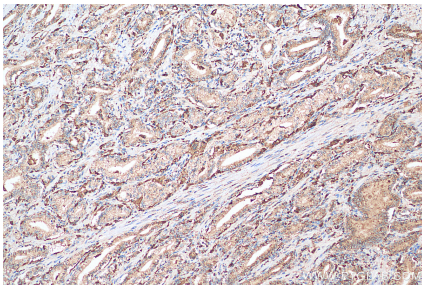
W: ptgcn.com

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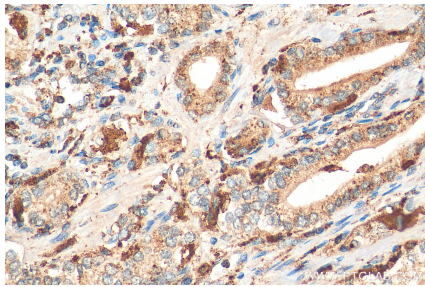
Selected Validation Data



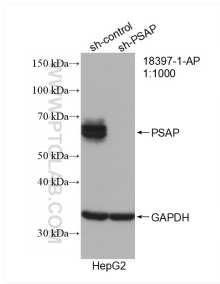
HEK-293 cells were subjected to SDS PAGE followed by western blot with 18397-1-AP (PSAP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



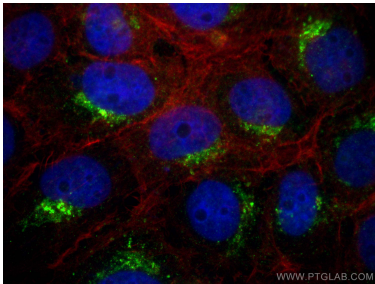
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 18397-1-AP (PSAP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 18397-1-AP (PSAP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of PSAP antibody (18397-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PSAP transfected HepG2 cells.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using PSAP antibody (18397-1-AP) at dilution of 1:200 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).