

PSAP Polyclonal Antibody

Catalog No: tcba6980



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IHC,IF

Research Area:

Cancer,Cardiovascular,Cell Biology,Metabolism,Lipid Metabolism pathway,

Species Reactivity:

Human,Mouse,Rat

Host Species:

Rabbit

Isotype:

IgG

Form:

Liquid

Storage Buffer:

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

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

GLBA;SAP1

SwissProt:

P07602

Gene ID:

5660 (human);

Calculated Molecular Weight:

58kDa

Purification:

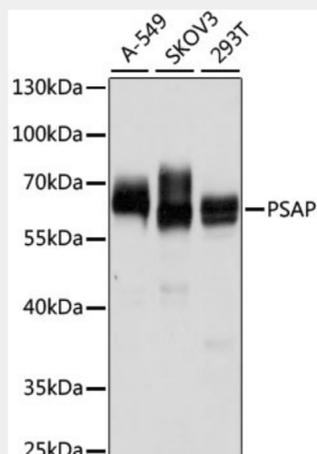
Affinity purification

Cellular Location:

Lysosome,Secreted,

Product Description

This gene encodes a highly conserved preproprotein that is proteolytically processed to generate four main cleavage products including saposins A, B, C, and D. Each domain of the precursor protein is approximately 80 amino acid residues long with nearly identical placement of cysteine residues and glycosylation sites. Saposins A-D localize primarily to the lysosomal compartment where they facilitate the catabolism of glycosphingolipids with short oligosaccharide groups. The precursor protein exists both as a secretory protein and as an integral membrane protein and has neurotrophic activities. Mutations in this gene have been associated with Gaucher disease and metachromatic leukodystrophy. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.



Western blot analysis of extracts of various cell lines, using PSAP antibody at 1:1000 dilution.

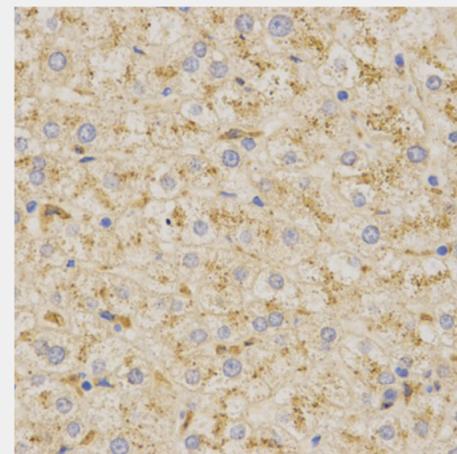
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

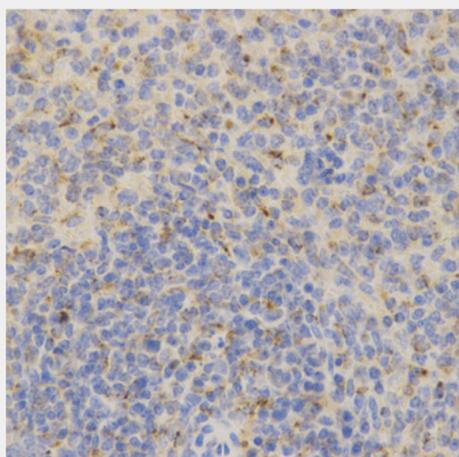
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit.

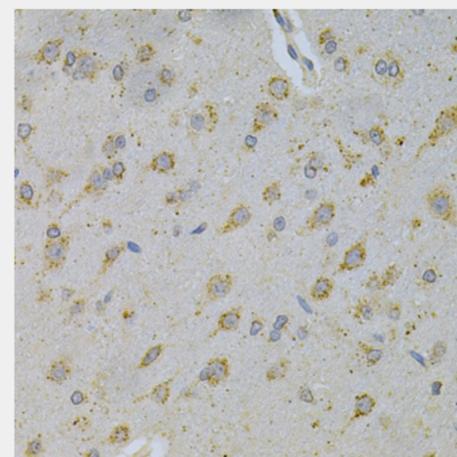
Exposure time: 5s.



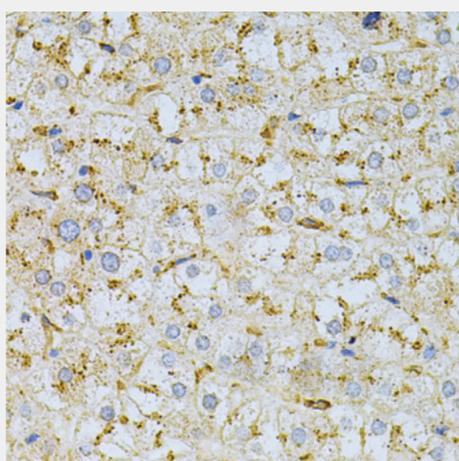
Immunohistochemistry of paraffin-embedded human liver using PSAP Antibody at dilution of 1:200 (40x lens).



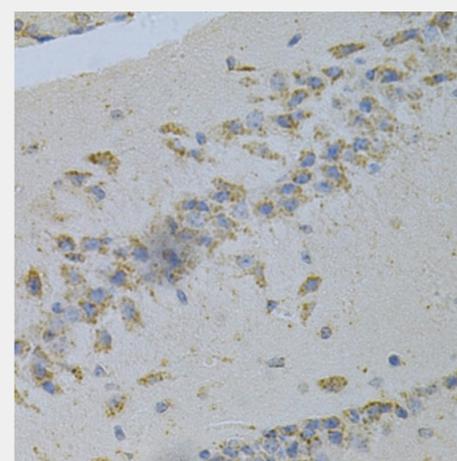
Immunohistochemistry of paraffin-embedded mouse spleen using PSAP Antibody at dilution of 1:200 (40x lens).



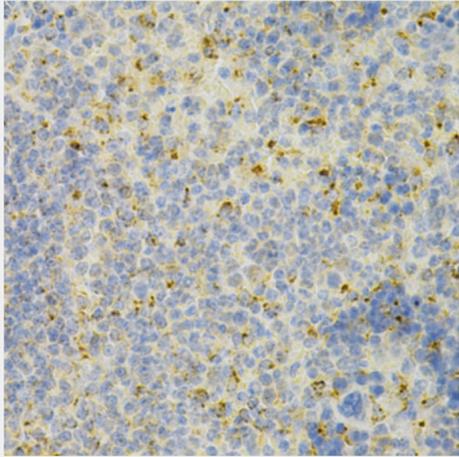
Immunohistochemistry of paraffin-embedded rat brain using PSAP Antibody at dilution of 1:200 (40x lens).



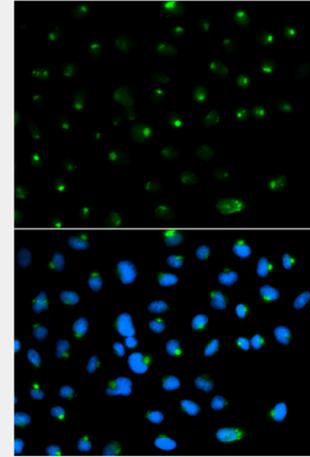
Immunohistochemistry of paraffin-embedded human liver using PSAP Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using PSAP Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using PSAP Antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of MCF-7 cells using PSAP antibody. Blue: DAPI for nuclear staining.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!