

PSAP Antibody

Rabbit mAb Catalog # AP92432

Specification

PSAP Antibody - Product Information

Application WB, IHC
Primary Accession P07602
Clonality Monoclonal

Other Names

GLBA; SAP1; Saposins; Dispersin;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 58113 Da

PSAP Antibody - Additional Information

Dilution **WB~~1:1000**

IHC~~1:100~500

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

PSAP

Description The lysosomal degradation of sphingolipids

takes place by the sequential action of specific hydrolases. Some of these enzymes require specific low-molecular mass, non-enzymic proteins: the

sphingolipids activator proteins

(coproteins).

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

PSAP Antibody - Protein Information

Name PSAP

Synonyms GLBA, SAP1

Function

Saposin-A and saposin-C stimulate the hydrolysis of glucosylceramide by beta-glucosylceramidase (EC 3.2.1.45) and galactosylceramide by beta-galactosylceramidase (EC 3.2.1.46). Saposin- C apparently acts by combining with the enzyme and acidic lipid to form an activated complex, rather than by solubilizing the substrate. Saposin-D is a specific sphingomyelin phosphodiesterase activator (EC 3.1.4.12). Saposins are specific low-molecular mass non-enzymic proteins, they participate in the lysosomal degradation of sphingolipids, which takes place by the sequential



action of specific hydrolases.

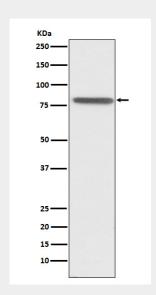
Cellular Location Lysosome

PSAP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PSAP Antibody - Images



Western blot analysis of PSAP expression in HepG2 cell lysate.