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# 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**<br>**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.

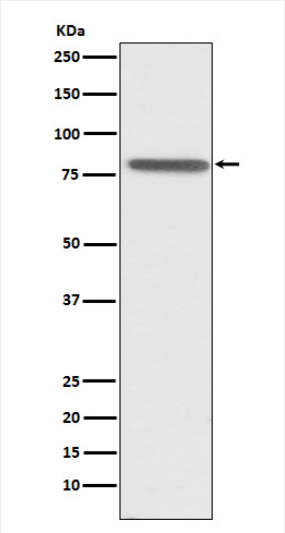
**Cellular Location**
Lysosome

## PSAP Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## PSAP Antibody - Images




Western blot analysis of PSAP expression in HepG2 cell lysate.