



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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**PSAP MaxPab mouse polyclonal antibody (B01)** MaxPab®

Catalog # : H00005660-B01

規格 : [ 50 uL ]

[List All](#)

**Specification**

**Product Description:** Mouse polyclonal antibody raised against a full-length human PSAP protein.

**Immunogen:** PSAP (NP\_002769.1, 1 a.a. ~ 524 a.a) full-length human protein.

**Sequence:**  
 MYALFLLASLLGAALAGPVLGLKECTRGSVWCQNVKTASDCGAVKHC  
 LQTVWNKPTVKSLPCDICKDVVTAAGDMLKDNATEEEILVYLEKTCDWLP  
 KPNMSASCKEIVDSYLPVILDIKGEMSRPGEVCSALNLCESLQKHLAELNH  
 QKQLESNKIPELDMTEVVAPFMANIPLLLYPQDGPRSKPQPKDNGDVCQ  
 DCIQMVTDIQTAVRTNSTFVQALVEHVKEECDRLGPGMADICKNYISQYS  
 EIAIQMMMHHMQPKEICALVGFCEVKEMPMQTLVPAKVASKNVIPALELVE  
 PIKKHEVPAKSDVYCEVCEFLVKEVTKLIDNNKTEKEILDAFDKMCSKLPK  
 SLSEECQEVVDTYGSSILSILLEEVSPELVCSMLHLCSGTRLPALTVHVTQ  
 PKDGGFCEVCKKLVGYLDRNLEKNSTKQEILAALEKGCFLPDPYQKQC  
 DQFVAEYEPVLEILVEVMDPSFVCLKIGACPSAHKPLLGTEKCIWGPSYW  
 CQNTETAQCNAVEHCKRHVWN

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

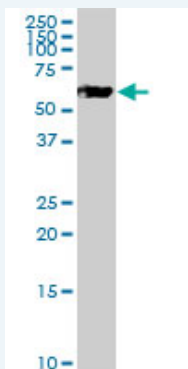
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

**Applications**

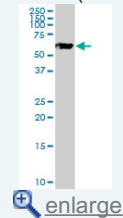
**Western Blot (Cell lysate)**



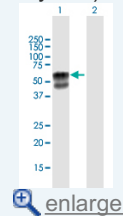
PSAP MaxPab polyclonal antibody. Western Blot analysis of PSAP expression in HepG2 .

**Application Image**

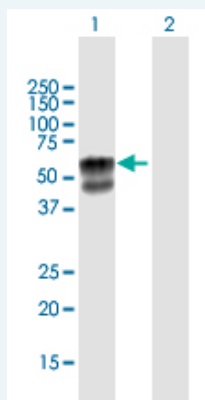
**Western Blot (Cell lysate)**



**Western Blot (Transfected lysate)**



### Western Blot (Transfected lysate)



Western Blot analysis of PSAP expression in transfected 293T cell line ([H00005660-T01](#)) by PSAP MaxPab polyclonal antibody.

Lane 1: PSAP transfected lysate(57.64 KDa).

Lane 2: Non-transfected lysate.

### Gene Information

**Entrez GeneID:** [5660](#)

**GeneBank Accession#:** [NM\\_002778.2](#)

**Protein Accession#:** [NP\\_002769.1](#)

**Gene Name:** PSAP

**Gene Alias:** FLJ00245, GLBA, MGC110993, SAP1

**Gene Description:** prosaposin

**Omim ID:** [176801](#), [249900](#), [610539](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a highly conserved glycoprotein which is a precursor for 4 cleavage products: 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, Tay-Sachs disease, and metachromatic leukodystrophy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations:** OTTHUMP00000019776, sphingolipid activator protein-1

### Gene Pathway

[Lysosome](#)

### Related Disease

[Alzheimer Disease](#) [Genetic Predisposition to Disease](#) [Prostate cancer](#)  
[Prostatic Hyperplasia](#) [Prostatic Neoplasms](#) [Schizophrenia](#) [Schizophrenia](#)  
[Tobacco Use Disorder](#)

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