



# 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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## Datasheet

### PSAP MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00005660-D01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit 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:**

MYALFLLASLLGAALAGPVLGLKECTRGSAVWCQNVK  
TASDCGAVKHCLQTVWNKPTVKSLPCDICKDVVTAAG  
DMLKDNATEEEILVYLEKTCDWLPKPNMSASCKEIVDS  
YLPVILDIKGEVSRPGEVCSALNLCESLQKHLAELNHQ  
KQLESNKIPELDMTEVVAPFMANIPLLLYPQDGPRSKP  
QPKDNGDVCQDCIQMVTDIQTAVRTNSTFVQALVEHV  
KEECDRLGPGMADICKNYISQYSEIAIQMMMHPKPEI  
CALVGFCDVEVKEMPMQTLVPAKVASKNVIPALELVEPI  
KKHEVPAKSDVYCEVCEFLVKEVTKLIDNNKTEKEILDA  
FDKMCSKLPKSLSEECQEVVDYTGSSILSILLEEV SPEL  
VCSMLHLCSGTRLPALT VHVTQPKDGGFCEVCKKLVG  
YLDRNLEKNSTKQEILAALEKGCFLPDYQKQCDQF  
VAEYEPVLIIEILVEVMDPSFVCLKIGACPSAHKPLLGTE  
KCIWGPSYWCQNTETAQAQCNAVEHCKRHVWN

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IP, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

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

**Entrez GeneID:** 5660

**Gene Symbol:** PSAP

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

**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]

**References:**

1. Co-localization of cystatin C and prosaposin in cultured neurons and in anterior horn neurons with amyotrophic lateral sclerosis. Wada Y, Nagai A, Sheikh AM, Onoda K, Terashima M, Shiota Y, Araki A, Yamaguchi S. *J Neurol Sci.* 2018 Jan 15;384:67-74. doi: 10.1016/j.jns.2017.11.023. Epub 2017 Nov 20.