



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSAP monoclonal antibody (M11), clone 3B12

Catalog # : H00005660-M11

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a full-length recombinant PSAP.

Immunogen: PSAP (AAH01503, 18 a.a. ~ 524 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

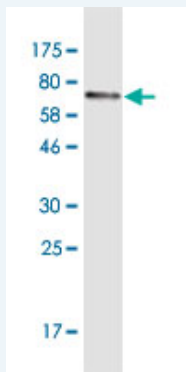
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 CKDWTAAGDMLKDNATEEEILVYLEKTCDWLPKPNMSASCKEIVDSYLP
 VILDIKGEMSRPGEVCSALNLCESLQKHLAELNHQKQLESNKIPELDMTE
 VVAPFMANIPLLLYPQDGPRSKPQPKDNGDVCQDCIQMVTDIQTAVRTN
 STFVQALVEHVKEECDRLGPGMADICKNYISQYSEIAIQMMMHHMQPKEIC
 ALVGFCDVEVKEMPMQTLVPAKVASKNVIPALELVEPIKKHEVPAKSDVYC
 EVGEFLVKEVTKLIDNNKTEKEILDADFDMCSKLPKSLSEECQEVVDTYG
 SSILSILLEEVSPELVCSMLHLCSGTRLPALTVHVTQPKDGGFCEVCKKLV
 GYLDRNLEKNSTKQEILAALEKGCFLPDPYQKQCDQFVAEYEPVLIILV
 EVMDFVCLKIGACPSAHKPLLGTCKIWGSPSYWCQNTETAQAQNAVE
 HCKRHWWN

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (81.29 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

MSDS: [Download](#)

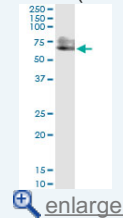
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

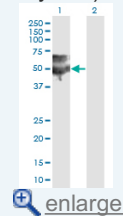
Application Image

Western Blot (Cell lysate)



[enlarge](#)

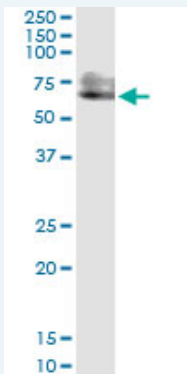
Western Blot (Transfected lysate)



[enlarge](#)

Western Blot (Recombinant protein)

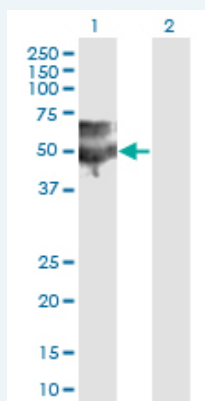
ELISA



PSAP monoclonal antibody (M11), clone 3B12. Western Blot analysis of PSAP expression in A-431.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of PSAP expression in transfected 293T cell line by PSAP monoclonal antibody (M11), clone 3B12.

Lane 1: PSAP transfected lysate (Predicted MW: 58.1 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5660](#)

GeneBank [BC001503](#)
Accession#:

Protein [AAH01503](#)
Accession#:

Gene Name: PSAP

Gene Alias: FLJ00245, GLBA, MGC110993, SAP1

Gene [prosaposin](#)
Description:

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](#)

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[Prostatic Hyperplasia](#) [Prostatic Neoplasms](#) [Schizophrenia](#) [Schizophrenia](#)
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