

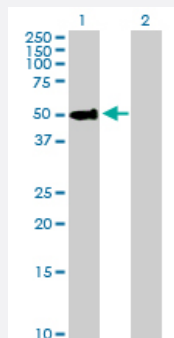
MaxPab®

PSAP purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005660-D01P

Size 100 ug

Applications



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(58.10 kDa).

Lane 2: Non-transfected lysate.

Specification

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

MYALFLLASLLGAALAGPVLGLKECTRGSAVWCQNVKTASDCGAVKHCLQTVWNKPTVKSLPC
DICKDVVTAAGDMLKDNATEEEILVYLEKTCDWLPKPNMSASCKEIVDSYLPVILDIKGEMSRPGE
VCSALNLCESLQKHLAELNHQKQLESNKIPELDMTEVVAPFMANIPLLLYPQDGPRSKPQPKDNG
DVCQDCIQMVTDIQTAVRTNSTFVQALVEHVKEECDRLGPGMADICKNYSQYSEIAIQMMMHHMQP
KEICALVGFCDEVKEMPMQTLVPAKVASKNVIPALELVEPIKKHEVPAKSDVYCEVCEFLVKEVT
KLIDNNKTEKEILDAFDKMCSKLPKSLSEECQEVVDYTGSSILSILLEEVSPELVCSMLHLCGSTR
PALT VHVTQPKDGGFCEVCKKLVGYLDRNLEKNSTKQEILAALEKGSFLPDYPYQKQCDQFVAE
YEPVLIELVEVMDPSFVCLKIGACPSAHKPLLGTCKWGPSYWCQNTETAAQCNAVEHCKRHV
WN

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- 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(58.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PSAP

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

Pathway

- [Lysosome](#)

Disease

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