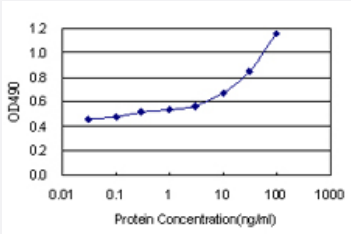
PSAP (Human) Matched Antibody Pair

Catalog # H00005660-AP11 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human PSAP.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00005660-P02) as an analyte. Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-PSAP (100 ug) 2. Detection antibody: mouse monoclonal anti-PSAP, IgG2a Kappa (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

Protocol Download

Gene Info — PSAP

Entrez GeneID	5660
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 re sidues 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 glycos phingolipids with short oligosaccharide groups. The precursor protein exists both as a secretory p rotein 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 leukodystr ophy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provid ed 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