

Rabbit anti-Human PSAP mAb

Catalog No.: A28971

Basic Information

Observed MW

Calculated MW

58kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC5242

Background

This gene encodes a highly conserved preproprotein that is proteolytically processed to generate four main cleavage products including 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 and metachromatic leukodystrophy. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Recommended Dilutions

FC 1:100-1:500

Immunogen Information

Gene ID

5660

Swiss Prot

P07602

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

GLBA; SAP1; SAP2; PSAPD; PARK24

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: 25mM HEPES, 150mM NaCl, 0.03% Proclin, 50% glycerol, pH8.0.