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PSAP Antibody

Rabbit mAb
Catalog # AP92432

Product Information

Application	WB, IHC
Primary Accession	P07602
Reactivity	Human
Clonality	Monoclonal
Other Names	GLBA; SAP1; Saposins; Dispersin;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	58113

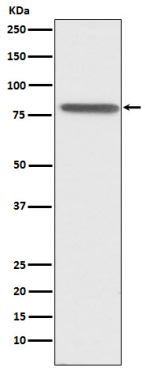
Additional Information

Dilution	WB 1:1000~1:5000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PSAP
Description	The lysosomal degradation of sphingolipids takes place by the sequential action of specific hydrolases. Some of these enzymes require specific low-molecular mass, non-enzymic proteins: the sphingolipids activator proteins (coproteins).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PSAP (HGNC:9498)
Synonyms	GLBA, SAP1
Function	Saposins are specific low-molecular mass non-enzymatic glycoproteins that act as activator proteins for lysosomal sphingolipid-degrading enzymes, facilitating the hydrolysis of sphingolipids by extracting lipid substrates from membranes and presenting them to their respective enzymes. They are derived from a common precursor protein, prosaposin, which is proteolytically cleaved to yield four homologous proteins (saposin A, B, C, and D), each with distinct but partially overlapping lipid and enzyme specificities.
Cellular Location	Lysosome

Images



Western blot analysis of PSAP expression in HepG2 cell lysate.

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