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anti-Prosaposin antibody (AA 325-524)



Images



Go to Product page

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Quantity:	100 μL
Target:	Prosaposin (PSAP)
Binding Specificity:	AA 325-524
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Prosaposin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Immunogen:	Purified recombinant fragment of human PSAP (AA: 325-524) expressed in E. Coli.
Isotype:	lgG1
Purification:	Purified antibody

Target Details

Target:	Prosaposin (PSAP)
Alternative Name:	PSAP (PSAP Products)
Background:	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

Target Details

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.

Molecular Weight:	58.1 kDa
Gene ID:	5660
UniProt:	P07602

Positive Regulation of Endopeptidase Activity

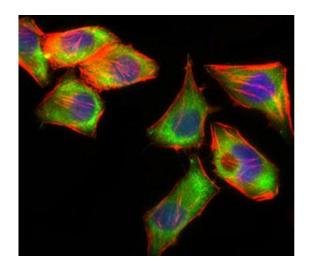
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	

Handling

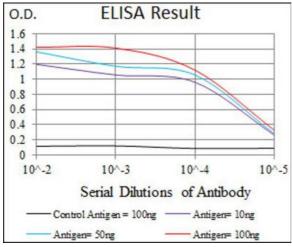
Pathways:

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Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



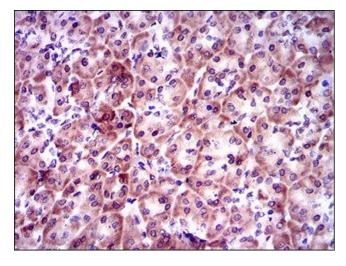
Flow Cytometry

Image 1. Flow cytometric analysis of HeLa cells using PSAP antibody (green) and negative control (purple).



ELISA

Image 2. Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng).



Immunohistochemistry

Image 3.

Please check the product details page for more images. Overall 8 images are available for ABIN1845961.