



# ASAH1 rabbit pAb

货号	YP-Ab-18116
同位型	IgG
应用	WB
种属	Human;Mouse;Rat
靶点	ASAH1
基因名称	ASAH1 ASAH HSD-33 HSD33
蛋白名称	Acid ceramidase (AC) (ACDase) (Acid CDase) (EC 3.5.1.23) (Acylsphingosine deacylase) (N-acylsphingosine amidohydrolase) (Putative 32 kDa heart protein) (PHP32) [Cleaved into: Acid ceramidase subunit a
免疫原	Synthesized peptide derived from human ASAH1
特异性	This antibody detects endogenous levels of ASAH1 at Human, Mouse,Rat
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	43kD
功能	Lysosomal ceramidase that hydrolyzes sphingolipid ceramides into sphingosine and free fatty acids at acidic pH . Ceramides, sphingosine, and its phosphorylated form sphingosine-1-phosphate are bioactive lipids that mediate cellular signaling pathways regulating several biological processes including cell proliferation, apoptosis and differentiation . Has a higher catalytic efficiency towards C12-ceramides versus other ceramides . Also catalyzes the reverse reaction allowing the synthesis of ceramides from fatty acids and sphingosine . For the reverse synthetic reaction, the natural sphingosine D-erythro isomer is more efficiently utilized as a substrate compared to D-erythro-dihydrosphingosine and D-erythro-phytosphingosine, while the fatty acids with chain lengths of 12 or 14 carbons are the most efficiently used . Has also an N-acylethanolamine hydrolase activity . By regulating the l
细胞定位	Lysosome . Secreted . Secretion is extremely low and localization to lysosomes is mannose-6-phosphate receptor-dependent. .; [Isoform 2]: Nucleus . Cytoplasm . A localization to the nucleus and the cytoplasm has also been reported for ASAH1, most probably for isoforms devoid of a signal peptide. .
组织表达	Bro
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)

有关注意事项

Avoid repeated freezing and thawing!

使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images