bs-12976R

- DATASHEET -

[Primary Antibody]

ASAH1 Rabbit pAb

Host: Rabbit

Clonality: Polyclonal



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Applications: ELISA (1:5000-10000)

Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Chicken, Dog, Horse)

Predicted MW.: ^{29 kDa}

Subcellular Location: Cytoplasm

GenelD:	427	SWISS: Q13510	
Target:	ASAH1		
Immunogen:	KLH conjugated synthetic pepti ceramidase subunit beta: 301-3	ide derived from human Acid 995/395.	Predicte MW
Purification:	affinity purified by Protein A		Subsollul
Concentration:	1mg/ml		Locatio
Storage:	0.01M TBS (pH7.4) with 1% BSA Glycerol. Shipped at 4°C. Store at -20°C fo freeze/thaw cycles.	, 0.02% Proclin300 and 50% or one year. Avoid repeated	
Background:	Acid ceramidase catalyzes the of tissues, and deficiency leads to tissues, a hallmark of Farber dis experience early onset joint pro- owing to mutations in the acid analysis of gene expression also among the 5 most important ge addition to ceramide hydrolysis exhibits the ability to catalyze of [14C]lauric acid and sphingosin regulates which reaction is favo is 4.5, whereas for the reverse re- supporting a complex and cent sphingolipid metabolism.	degradation of ceramide in normal accumulation of ceramide in sease. Effected individuals oblems and neurological problems, ceramidase gene. Bioinformatic o reveals acid ceramidase to be enes associated with melanoma. In s, purified acid ceramidase also ceramide synthesis, utilizing ne as substrates. Interestingly, pH ored; for hydrolysis the pH optimum eaction favors a pH of 5.5, further ral role for acid ceramidase in	

Isotype: IgG