ASAH1 Antibody

Catalog No: #36239

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Description

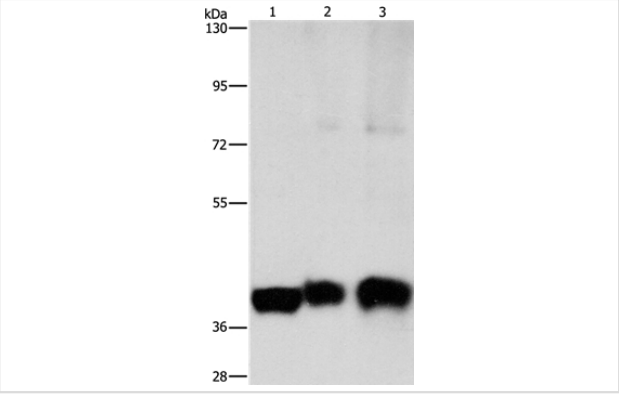
Product Name	ASAH1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ASAH1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human N-acylsphingosine amidohydrolase (acid ceramidase) 1
Target Name	ASAH1
Other Names	AC; PHP; ASAH; PHP32; ACDase; SMAPME
Accession No.	Swiss-Prot#: Q13510NCBI Gene ID: 427Gene Accssion: BC016828
Uniprot	Q13510
GeneID	427;
SDS-PAGE MW	45kd
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

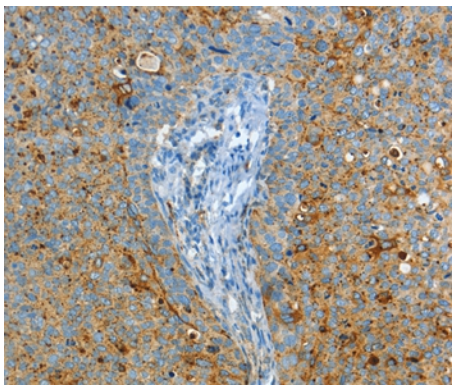
Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Human lung cancer tissue, human fetal brain and fetal lung tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/850 dilution
Secondary antibody dilution: 1/8000
Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36239 at dilution 1/50.

Background

This gene encodes a heterodimeric protein consisting of a nonglycosylated alpha subunit and a glycosylated beta subunit that is cleaved to the mature enzyme posttranslationally. The encoded protein catalyzes the synthesis and degradation of ceramide into sphingosine and fatty acid. Mutations in this gene have been associated with a lysosomal storage disorder known as Farber disease. Multiple transcript variants encoding several distinct isoforms have been identified for this gene.

Note: This product is for in vitro research use only