

DNAxPAb

Hard-to-Find
Antibody

ASAHI DNAPab

Catalog # H00000427-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ASAH1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPGRSCVALVLLAAAVSCAVAQHAPPWTEDCRKSTYPPSGPTYRGAVPWYTINLDLPPYKRWH ELMLDKAPMLKVIVNSLKNMINTFVPSGKVMQVVDEKLPGLLGNFPGPFEEEMKGIAAVTDIPLGE IISFNIFYELFTICTSVAEDKKGHLIHRNMDFGVFLGWNINNDTWVITEQLKPLTVNLDFQRNNKTV FKASSFAGYVGMLTGFKPGLFSLTLNERFSINGGYLGILEWILGKKDAMWIGFLTRTVLENSTSYEE AKNLLTKKILAPAYFILGQNQSGEGCVITRDRKESLDVYELDAKQGRWYVQTNVDRWKHPFFLD DRRTPAKMCLNRTSQENISFETMYDVLSTKPVLNKLTVYTTLDVTKGQFETYLRDCPDPCIGW
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ASAH1

Entrez GeneID	427
GeneBank Accession#	NM_177924.1
Protein Accession#	NP_808592.1
Gene Name	ASAH1
Gene Alias	AC, ASAH, FLJ21558, FLJ22079, PHP, PHP32
Gene Description	N-acylsphingosine amidohydrolase (acid ceramidase) 1
Omim ID	228000
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	N-acylsphingosine amidohydrolase 1 OTTHUMP00000122482 acylsphingosine deacylase putative 32 kDa heart protein

Pathway

- [Lysosome](#)
- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Tobacco Use Disorder](#)