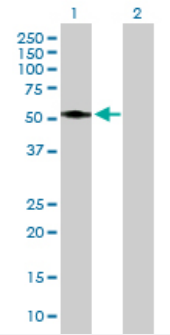
MaxPab®

ASAH1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000427-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ASAH1 expression in transfected 293T cell line (H00000427-T02) by ASAH1 MaxPab polyclonal antibody.

Lane 1: ASAH1 transfected lysate(44.60 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ASAH1 protein.
Immunogen	ASAH1 (NP_808592.1, 1 a.a. ~ 395 a.a) full-length human protein.
Sequence	MPGRSCVALVLLAAAVSCAVAQHAPPWTEDCRKSTYPPSGPTYRGAVPWYTINLDLPPYKRWH ELMLDKAPMLKVIVNSLKNMINTFVPSGKVMQVVDEKLPGLLGNFPGPFEEEMKGIAAVTDIPLGE IISFNIFYELFTICTSIVAEDKKGHLIHGRNMDFGVFLGWNINNDTWVITEQLKPLTVNLDFQRNNKTV FKASSFAGYVGMLTGFKPGLFSLTLNERFSINGGYLGILEWILGKKDAMWIGFLTRTVLENSTSYEE AKNLLTKTKILAPAYFILGGNQSGEGCVITRDRKESLDVYELDAKQGRWYVVQTNYDRWKHPFFLD DRRTPAKMCLNRTSQENISFETMYDVLSTKPVLNKLTVYTTLIDVTKGQFETYLRDCPDPCIGW
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (82)
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)

  Western Blot analysis of ASAH1 expression in transfected 293T cell line (H00000427-T02) by ASAH1 MaxPab polyclonal antibody.

  Lane 1: ASAH1 transfected lysate(44.60 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

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 gl ycosylated beta subunit that is cleaved to the mature enzyme posttranslationally. The encoded pro tein catalyzes the synthesis and degradation of ceramide into sphingosine and fatty acid. Mutatio ns in this gene have been associated with a lysosomal storage disorder known as Farber diseas e. 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|putativ e 32 kDa heart protein

Pathway

- Lysosome

- Metabolic pathways
- Sphingolipid metabolism

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Tobacco Use Disorder