

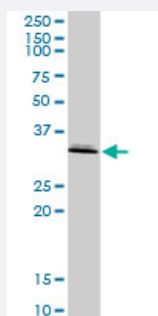
MaxPab®

ASP A MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000443-D01

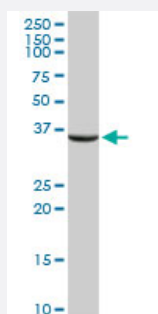
Size 100 uL

Applications



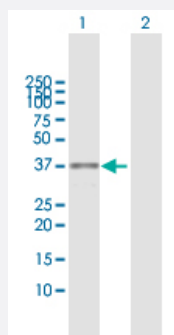
Western Blot (Tissue lysate)

ASP A MaxPab rabbit polyclonal antibody. Western Blot analysis of ASP A expression in mouse liver.



Western Blot (Tissue lysate)

ASP A MaxPab rabbit polyclonal antibody. Western Blot analysis of ASP A expression in human liver.

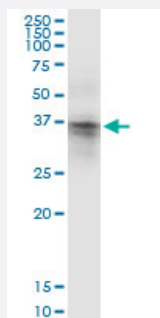


Western Blot (Transfected lysate)

Western Blot analysis of ASP A expression in transfected 293T cell line ([H00000443-T01](#)) by ASP A MaxPab polyclonal antibody.

Lane 1: ASP A transfected lysate(35.70 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ASPA transfected lysate using anti-ASPA MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ASPA purified MaxPab mouse polyclonal antibody (B01P) ([H00000443-B01P](#)).

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ASPA protein.

Immunogen ASPA (NP_000040.1, 1 a.a. ~ 313 a.a) full-length human protein.

Sequence MTSCHIAEEHIQKVAIFGGTHGNELTGVFLVKHWLENGAEIQRGTGLEVKPFITNPRAVKKCTRYIDC
DLNRIFDLENLGGKMSDELPEYVRRRAQEIHLFGPKDSEDSYDIIFDLHNTTSNMGCTLIEDSRNN
FLIQMFHYKTSLAPLPCYVYLIEHPSLKYATTRSIKYPVGIEVGPQPQGVLRADILDQMRKMIKHAL
DFIHHFNEGKEFPFCAIEVYKIEKVDYPRDENGIEAAIHPNLQDQDWKPLHPGDPMFLTLDGKTIP
LGGDCTVYPVFNAAAYYEKKEAFKTTKLTNAKSIRCCCLH

Host Rabbit

Reactivity Human, Mouse

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer No additive

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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ASPA MaxPab rabbit polyclonal antibody. Western Blot analysis of ASPA expression in mouse liver.

[Protocol Download](#)

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[Protocol Download](#)

Gene Info — ASPA

Entrez GeneID [443](#)

GeneBank Accession# [NM_000049.2](#)

Protein Accession# [NP_000040.1](#)

Gene Name ASPA

Gene Alias ACY2, ASP

Gene Description aspartoacylase (Canavan disease)

Omim ID [271900 608034](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an enzyme that catalyzes the conversion of N-acetyl_L-aspartic acid (NAA) to aspartate and acetate. NAA is abundant in the brain where hydrolysis by aspartoacylase is thought to help maintain white matter. This protein is an NAA scavenger in other tissues. Mutations in this gene cause Canavan disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

Other Designations aminoacylase 2|aspartoacylase

Pathway

- [Alanine](#)
- [Histidine metabolism](#)

Disease

- [Canavan Disease](#)
- [Cystic fibrosis](#)
- [Gaucher disease](#)
- [Genetic Diseases](#)