

DNAPab

Hard-to-Find
Antibody

ASPA DNAPab

Catalog # H00000443-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ASPA DNA using DNAP™ Immune technology.

Technology [DNAP™ Immune](#)

Immunogen Full-length human DNA

Sequence MTSCHIAEEHIQKVAIFGGTHGNELTGVFLVKHWLENGAEIQRTGLEVKPFITNPRAVKKCTRYIDC
DLNRFIDLENLGKKMSEDLPEVRRRAQEIHLFGPKDSEDSYDIIFDLHNTTSNMGCTLIEDSRNN
FLIQMFHYKTSLAPLPCYVYLIEHPSLKYATTRSIAKYVGVIEVGPQPQGVLRADILDQMRKMIKHAL
DFIHHFNEGKEFPFCAIEVYKIIIEKVDYPRDENGIEAAIIHPNLQDQDWKPLHPGDPMFLTLDGKTIP
LGGDCTVYPVFNAAAYYEKKEAFAKTTKLTNAKSIRCCLH

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 — 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](#)