

Rabbit Aspartoacylase Polyclonal Antibody | anti-ASPA antibody

Aspartoacylase antibody

CATALOG # AAA107819	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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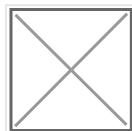
PRODUCT SYNONYMS

Aspartoacylase; Polyclonal Antibody; Aspartoacylase antibody; Polyclonal Aspartoacylase; Anti-Aspartoacylase; ASP; ASPA; aspartoacylase; ACY-2; aminoacylase 2; aminoacylase-2; ACY2; anti-ASPA antibody

PRODUCT SPECIFICATIONS

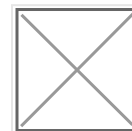
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Aspartoacylase antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	313
Applicable Applications for anti-ASPA antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	This gene encodes an enzyme that catalyzes the conversion of N-acetyl_L-aspartic acid 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.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



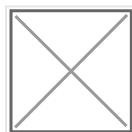
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 xenograft using Aspartoacylase antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Molt-4; B: Raji) using a 10 % SDS PAGE gel and Aspartoacylase antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Aspartoacylase antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ASPA antibody	Affinity purified Rabbit polyclonal Aspartoacylase antibody
Product Categories/Family for anti-ASPA antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	189339202
NCBI GeneID	443
NCBI Accession #	NP_001121557.1
NCBI GenBank Nucleotide #	NM_001128085.1
UniProt Accession #	P45381
Molecular Weight	36 kDa
NCBI Official Full Name	aspartoacylase
NCBI Official Synonym Full Names	aspartoacylase
NCBI Official Symbol	ASPA
NCBI Official Synonym Symbols	ASP; ACY2
NCBI Protein Information	aspartoacylase
UniProt Protein Name	Aspartoacylase
UniProt Gene Name	ASPA
UniProt Synonym Gene Names	ACY2; ASP; ACY-2
UniProt Entry Name	ACY2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aspartoacylase-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107819>