

# Aspartoacylase antibody

Catalog No: #22778



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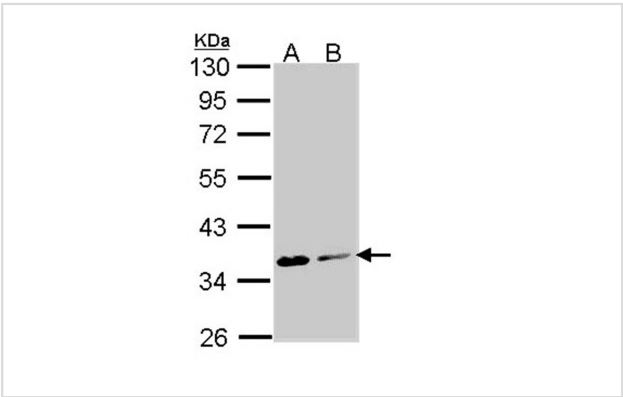
## Description

Product Name	Aspartoacylase antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 39 and 270 of Aspartoacylase
Target Name	Aspartoacylase
Accession No.	Swiss-Prot:P45381Gene ID:443
Uniprot	P45381
GeneID	443;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

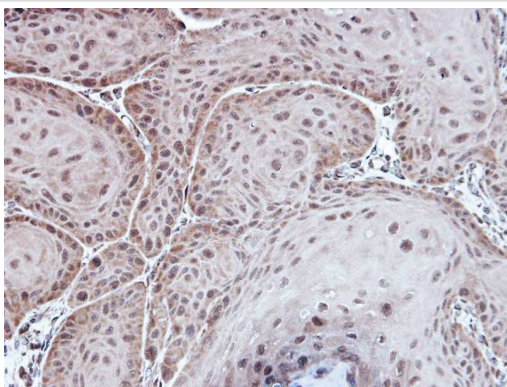
## Application Details

Predicted MW: 36kd  
Western blotting: 1:500-1:3000  
Immunohistochemistry: 1:100-1:500  
Immunofluorescence: 1:100-1:200

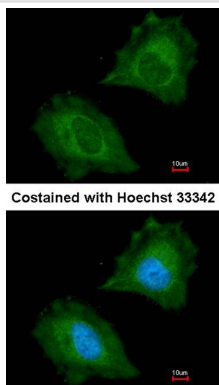
## Images



Sample (30 ug of whole cell lysate)  
A: Molt-4  
B: Raji  
10% SDS PAGE  
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using Aspartoacylase antibody at 1: 100 dilution.



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

## Background

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]

Note: This product is for in vitro research use only