

ASPA

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 36kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ASPA

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ASP; ACY2;

Catalog #: A7271

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 443

Isotype: IgG

Swiss Prot: P45381

Purity: Affinity purification

For research use only.

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.

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