

# ASPA Rabbit Polyclonal Antibody



CAB7271

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

36kDa

### Calculated MW:

35kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Protein 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.

## Immunogen information

### Gene ID:

443

### Uniprot

P45381

### Synonyms:

ASPA; ACY2; ASP

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

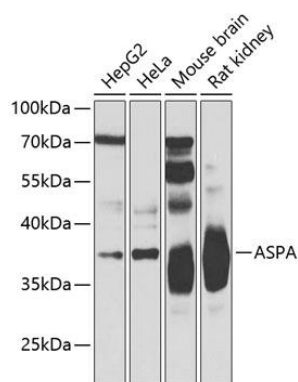
Recombinant fusion protein containing a sequence corresponding to amino acids 1-313 of human ASPA (NP\_001121557.1).

### Storage:

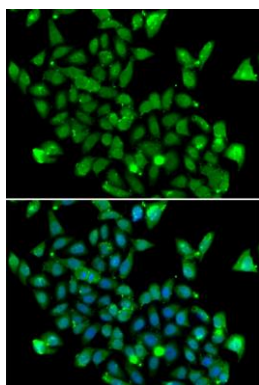
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using ASPA Antibody (CAB7271) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunofluorescence analysis of MCF-7 cells using ASPA antibody (CAB7271). Blue: DAPI for nuclear staining.