

# ASS1 Polyclonal Antibody

Catalog Number:E-AB-65392

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

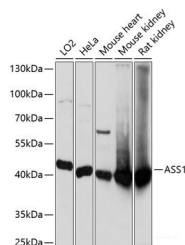
## Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human,Mouse,Rat   |
| <b>Immunogen</b>    | Recombinant fusion protein of human ASS1 (NP_446464.1). |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG   |
| <b>Purification</b> | Affinity purification                                   |
| <b>Conjugation</b>  | Unconjugated  |
| <b>Formulation</b>  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.       |

## Applications Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:2000 |
|-----------|--------------|

## Data



Western blot analysis of extracts of various cell lines using ASS1 Polyclonal Antibody at dilution of 1:3000.

**Observed Mw:46kDa**  
**Calculated Mw:46kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic pathway. There are approximately 10 to 14 copies of this gene including the pseudogenes scattered across the human genome, among which the one located on chromosome 9 appears to be the only functional gene for argininosuccinate synthetase. Mutations in the chromosome 9 copy of this gene cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene.

## For Research Use Only

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