

For Research Use Only

# ASNS Recombinant antibody

Catalog Number: 85892-1-RR



## Basic Information

**Catalog Number:**

85892-1-RR

**Concentration:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG6393

**GenBank Accession Number:**

BC014621

**GeneID (NCBI):**

440

**UNIPROT ID:**

P08243

**Full Name:**

asparagine synthetase

**Calculated MW:**

64 kDa

**Observed MW:**

55-64 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

250177C6

**Recommended Dilutions:**

WB: 1:1000-1:10000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : HeLa cells, HCT 116 cells, K-562 cells, U2OS cells, mouse testis tissue, rat testis tissue

## Background Information

Asparagine synthetase [glutamine-hydrolyzing](ASNS) is also named as TS11. The asparagine synthetase gene, encoding the enzyme that catalyzes the synthesis of asparagine and glutamate using glutamine and aspartate, is a gene for which transcription is highly regulated by the nutritional status of the cell(PMID:15385533). ASNS has some isoforms with the MW of 55-64 kDa.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

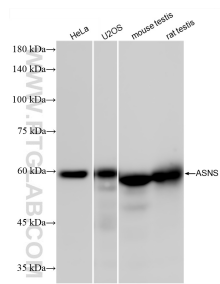
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## Selected Validation Data



Cells and lysate were subjected to SDS PAGE followed by western blot with 85892-1-RR (ASNS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.