

For Research Use Only

# ADSL Recombinant antibody

Catalog Number: 86131-1-RR



## Basic Information

### Catalog Number:

86131-1-RR

### Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7332

### GenBank Accession Number:

BC000253

### GeneID (NCBI):

158

### UNIPROT ID:

P30566

### Full Name:

adenylosuccinate lyase

### Calculated MW:

55 kDa

### Observed MW:

55 kDa

### Purification Method:

Protein A purification

### CloneNo.:

250216C6

### Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : HL-60 cells, Ramos cells, NIH/3T3 cells, C6 cells

## Background Information

Adenylosuccinate lyase (ADSL) is an essential enzyme for de novo purine biosynthesis and the purine nucleotide cycle, where it plays a key role in the regulation of adenosine monophosphate levels in the cells. Given its crucial role in both cellular replication and metabolism, it is not surprising that ADSL has been found dysregulated in several malignancies, including breast and endometrial cancers as well as glioma. (PMID: 33754045)

## 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

\*\*\* 20ul sizes contain 0.1% BSA

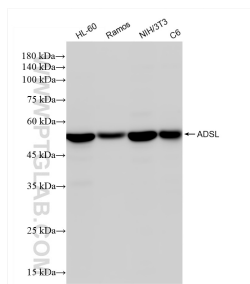
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86131-1-RR (ADSL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.