

For Research Use Only

# ALAS1 Polyclonal antibody

Catalog Number: 16200-1-AP

9 Publications



## Basic Information

### Catalog Number:

16200-1-AP

### Size:

150ul , Concentration: 350 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9126

### GenBank Accession Number:

BC011798

### GeneID (NCBI):

211

### UNIPROT ID:

P13196

### Full Name:

aminolevulinate, delta-, synthase 1

### Calculated MW:

640 aa, 71 kDa

### Observed MW:

70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IF-P 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, IF-P, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

### Positive Controls:

WB : HeLa cells, Raji cells

IF-P : mouse brain tissue,

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Ying Wang	34707288	Nature	WB
Zuoyan Wang	33656082	Arq Bras Cardiol	WB
Jingwei Zhang	34249128	Evid Based Complement Alternat Med	WB

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

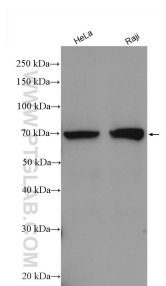
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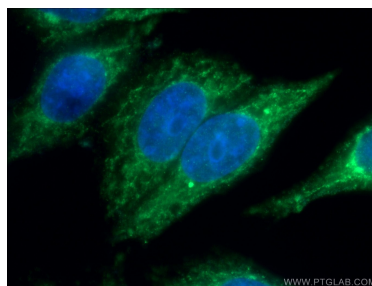
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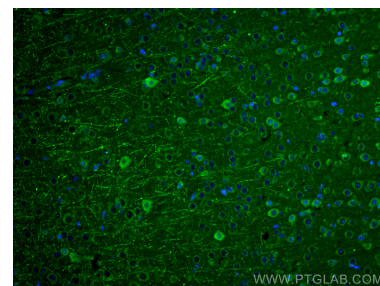
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16200-1-AP (ALAS1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 16200-1-AP (ALAS1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using ALAS1 antibody (16200-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).