

For Research Use Only

# ValRS Polyclonal antibody

Catalog Number:15931-1-AP

2 Publications



## Basic Information

### Catalog Number:

15931-1-AP

### Size:

150ul , Concentration: 300 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8778

### GenBank Accession Number:

BC012808

### GeneID (NCBI):

7407

### UNIPROT ID:

P26640

### Full Name:

valyl-tRNA synthetase

### Calculated MW:

1264 aa, 140 kDa

### Observed MW:

140 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HL-60 cells, HeLa cells, HepG2 cells, L02 cells

IP : HL-60 cells,

IHC : human tonsillitis tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yoshinao Muro	36191779	Autoimmun Rev	WB,IP
Jean-Baptiste Vulsteke	36572507	Ann Rheum Dis	WB,IP

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

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

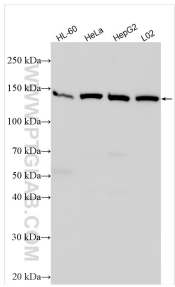
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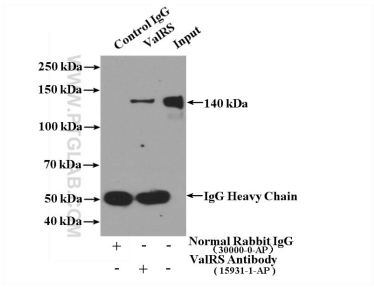
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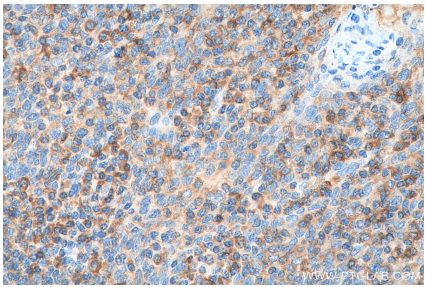
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15931-1-AP (ValRS antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-ValRS (IP:15931-1-AP, 4ug; Detection:15931-1-AP 1:500) with HL-60 cells lysate 3040ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15931-1-AP (ValRS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).