

For Research Use Only

# WASP Polyclonal antibody

Catalog Number: 10987-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

10987-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1444

### GenBank Accession Number:

BC012738

### GeneID (NCBI):

7454

### UNIPROT ID:

P42768

### Full Name:

Wiskott-Aldrich syndrome (eczema-thrombocytopenia)

### Calculated MW:

53 kDa

### Observed MW:

55-62 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

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

IHC 1:800-1:3200

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IP, RIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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, K-562 cells, mouse spleen tissue, Jurkat cells, Raji cells

IP : Raji cells, rat spleen tissue

IHC : human tonsillitis tissue, human lymphoma tissue, human spleen tissue

## Background Information

Wiskott-Aldrich Syndrome protein (WASP) regulates actin cytoskeleton in hematopoietic cells and defects in WASP cause Wiskott-Aldrich Syndrome (WAS), an X-linked immunodeficiency and autoimmunity disorder of childhood.

## Notable Publications

Author	Pubmed ID	Journal	Application
Seong-Su Han	35768435	Nat Commun	
Yukai Jing	31405607	J Allergy Clin Immunol	WB
Yongwen Li	29986736	J Exp Clin Cancer Res	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

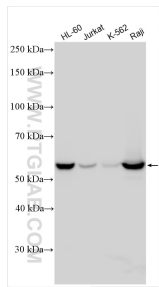
For technical support and original validation data for this product please contact:

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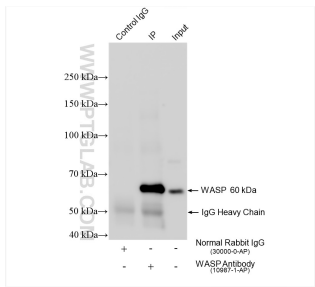
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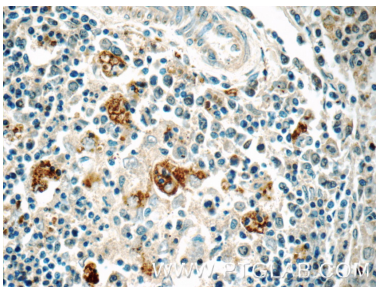
Selected Validation Data



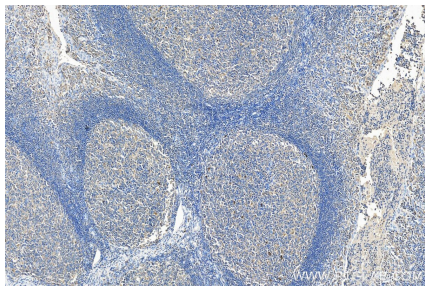
Various lysates were subjected to SDS PAGE followed by western blot with 10987-1-AP (WASP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



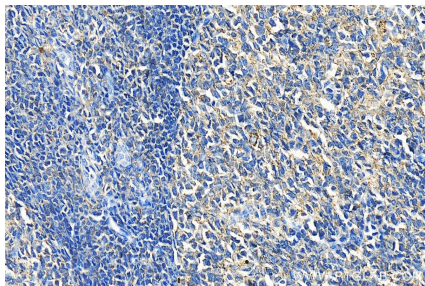
IP result of anti-WASP (IP:10987-1-AP, 4ug; Detection:10987-1-AP 1:5000) with Raji cells lysate 1600 ug.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 10987-1-AP (WASP antibody at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10987-1-AP (WASP antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10987-1-AP (WASP antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).