

For Research Use Only

# WASP Polyclonal antibody

Catalog Number: 10987-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 10987-1-AP	<b>GenBank Accession Number:</b> BC012738	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7454	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> Wiskott-Aldrich syndrome (eczema-thrombocytopenia)	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 53 kDa	
<b>Immunogen Catalog Number:</b> AG1444	<b>Observed MW:</b> 55-62 kDa	

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

WB

### 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 :** Raji cells, HL-60 cells, K-562 cells, mouse spleen tissue

**IP :** Raji cells, rat spleen tissue

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

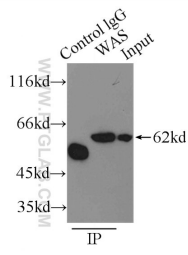
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

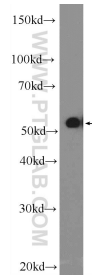
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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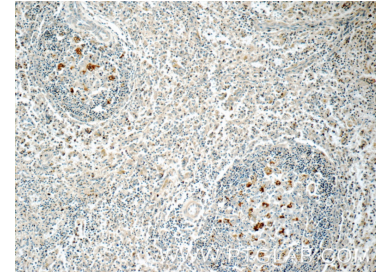
## Selected Validation Data



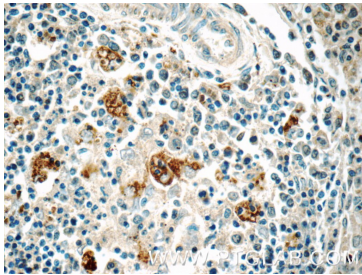
IP Result of anti-WASP (IP:10987-1-AP, 3ug; Detection:10987-1-AP 1:500) with Raji cells lysate 3500ug.



Raji cells were subjected to SDS PAGE followed by western blot with 10987-1-AP (WASP antibody at dilution of 1:600 incubated at room temperature for 1.5 hours).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 10987-1-AP (WASP antibody at dilution of 1:50 (under 10x lens).



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