

For Research Use Only

# WASP Polyclonal antibody

Catalog Number: 10987-1-AP

Featured Product

4 Publications



## Basic Information

**Catalog Number:**

10987-1-AP

**Size:**

450 µg/ml

**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 1:500-1:1000

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

IHC 1:20-1:200

## 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

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

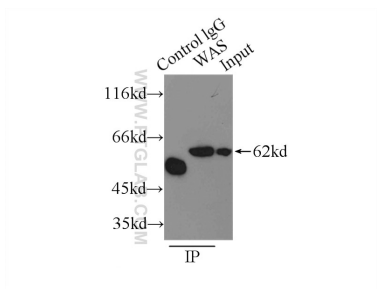
T: 4006900926

E: Proteintech-CN@ptglab.com

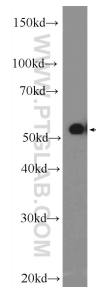
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

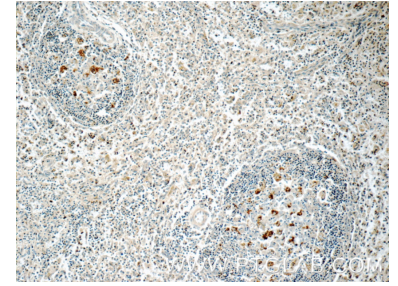
## Selected Validation Data



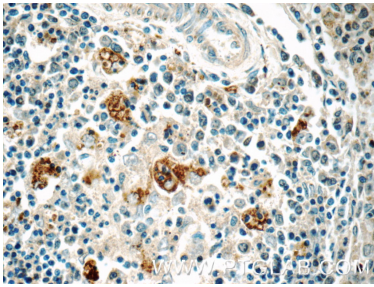
IP result of anti-WASP (IP:10987-1-AP, 3ug; Detection:10987-1-AP 1:500) with Raji cells lysate 3500ug.



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).