

For Research Use Only

WASP Polyclonal antibody

Catalog Number: 10987-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

10987-1-AP

Size:

450 ug/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 1:1000-1:6000

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

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

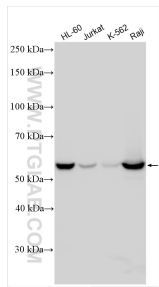
T: 4006900926

E: Proteintech-CN@ptglab.com

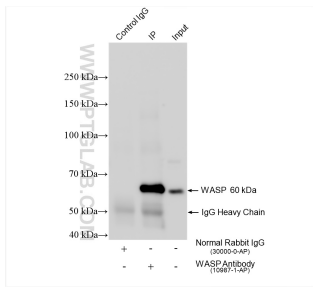
W: ptgcn.com

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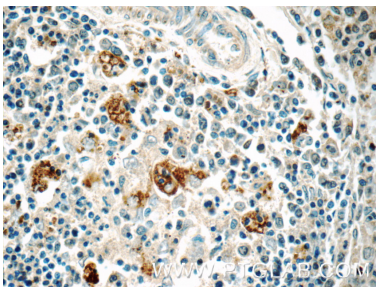
Selected Validation Data



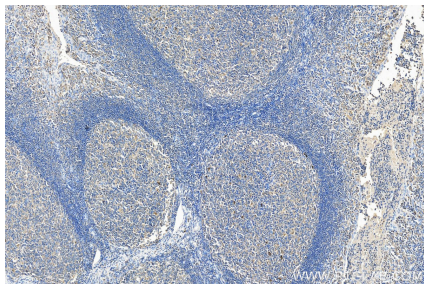
Various lysates were subjected to SDS PAGE followed by western blot with 10987-1-AP (WASP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



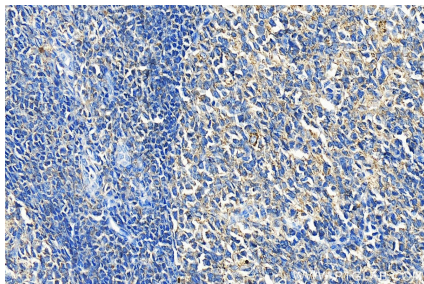
IP result of anti-WASP (IP:10987-1-AP, 4ug; Detection:10987-1-AP 1:5000) with Raji cells lysate 1600 ug.



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).