

Datasheet for ABIN3043961
anti-WASP antibody (C-Term)

4 Images

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Overview

Quantity:	100 µg
Target:	WASP (WAS)
Binding Specificity:	AA 129-156, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WASP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Wiskott-Aldrich syndrome protein(WAS) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human WASP (129-156aa ADEDEAQAFRALVQEIKQRNQRQSGDR), different from the related mouse sequence by two amino acids.
Sequence:	ADEDEAQAFR ALVQEIKQR NQRQSGDR
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Wiskott-Aldrich syndrome protein(WAS) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Mouse,Rat.

Product Details

Gene Name: Wiskott-Aldrich syndrome
Protein Name: Wiskott-Aldrich syndrome protein

Purification: Immunogen affinity purified.

Target Details

Target: WASP (WAS)

Alternative Name: WAS ([WAS Products](#))

Background: The Wiskott-Aldrich syndrome (WAS) family of proteins share similar domain structure, and are involved in transduction of signals from receptors on the cell surface to the actin cytoskeleton. The presence of a number of different motifs suggests that they are regulated by a number of different stimuli, and interact with multiple proteins. Recent studies have demonstrated that these proteins, directly or indirectly, associate with the small GTPase, Cdc42, known to regulate formation of actin filaments, and the cytoskeletal organizing complex, Arp2/3. Wiskott-Aldrich syndrome is a rare, inherited, X-linked, recessive disease characterized by immune dysregulation and microthrombocytopenia, and is caused by mutations in the WAS gene. The WAS gene product is a cytoplasmic protein, expressed exclusively in hematopoietic cells, which show signalling and cytoskeletal abnormalities in WAS patients. A transcript variant arising as a result of alternative promoter usage, and containing a different 5' UTR sequence, has been described, however, its full-length nature is not known.

Synonyms: Eczema thrombocytopenia antibody|IMD2 antibody|SCNX antibody|THC antibody|THC1 antibody| Thrombocytopenia 1 (X linked) antibody|U42471 antibody|Was antibody|WAS protein antibody| WASp antibody|WASP_HUMAN antibody|Wiskott Aldrich syndrome (eczema thrombocytopenia) antibody|Wiskott Aldrich syndrome (eczema thrombocytopenia) protein antibody|Wiskott Aldrich syndrome antibody|Wiskott Aldrich syndrome protein antibody|Wiskott-Aldrich syndrome protein antibody

Gene ID: 7454

UniProt: [P42768](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat, The detection limit for WASP is approximately 0.1 ng/lane under reducing conditions.
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling

Application Details

the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.

IHC-F: Concentration: 0.5-1 µg/mL, Tested Species: Human

ICC: Concentration: 0.5-1 µg/mL, Tested Species: Human

Notes: Tested Species: Species with positive results. Other applications have not been tested.

Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P), IHC(F) and ICC.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na₂HPO₄, 0.05 mg Sodium azide.

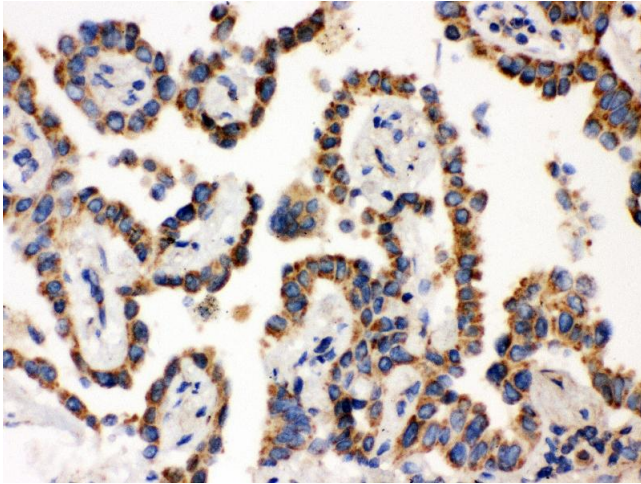
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

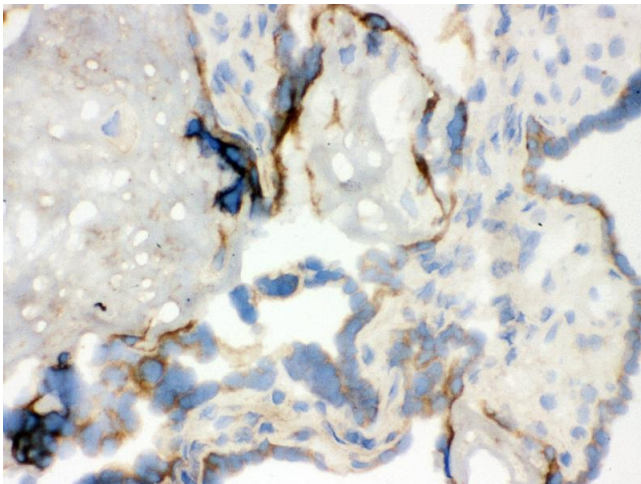
Storage: 4 °C/-20 °C

Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.



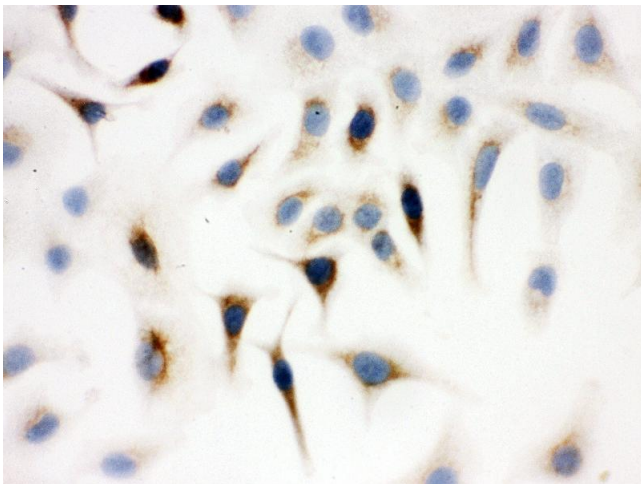
Immunohistochemistry

Image 1. Anti- WASP Picoband antibody, IHC(P) IHC(P):
Human Lung Cancer Tissue



Immunohistochemistry

Image 2. Anti- WASP Picoband antibody, IHC(F) IHC(F):
Human Placenta Tissue



Immunohistochemistry

Image 3. Anti- WASP Picoband antibody, ICC ICC: A549 Cell

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3043961.