

Datasheet for ABIN3021208  
**anti-WASP antibody (AA 60-250)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	WASP (WAS)
Binding Specificity:	AA 60-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WASP antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 60-250 of human WASPP (NP_000368.1).
Sequence:	GAEHWTKEHC GAVCFVKDNP QKSYFIRLYG LQAGRLLWEQ ELYSQLVYST PTPFFHTFAG DDCQAGLNFA DEDEAQAFRA LVQEKIQKRN QRQSGDRRL PPPPTPANEE RRGGLPPLPL HPGGDQGGPP VGPLSLGLAT VDIQNPDITS SRYRGLPAPG PSPADKKRSG KKKISKADIG APSGFKHVSH V
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	WASP (WAS)
Alternative Name:	WAS ( <a href="#">WAS Products</a> )
Background:	<p>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.,WAS,IMD2,SCNX,THC,THC1,WASP,WASPA,Signal Transduction,Cell Biology &amp; Developmental Biology,Cell Adhesion,Cytoskeleton,Actins,Immunology &amp; Inflammation,T Cell Receptor Signaling Pathway,WAS</p>
Molecular Weight:	52 kDa
Gene ID:	7454
UniProt:	<a href="#">P42768</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

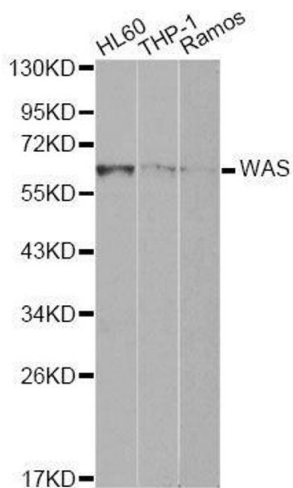
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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

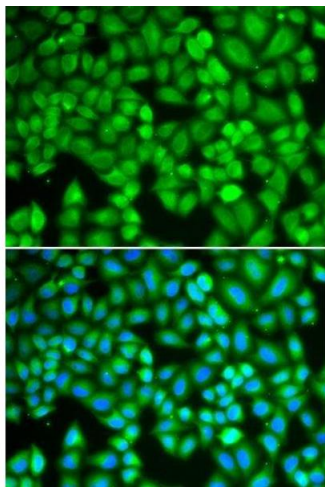
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using WAS Antibody.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of U2OS cells using WAS antibody.