

## Product datasheet

# Anti-N WASP antibody ab56454

**敲除验证**

[2 References](#) [2 图像](#)

### 概述

<b>产品名称</b>	Anti-N WASP抗体
<b>描述</b>	小鼠单克隆抗体to N WASP
<b>宿主</b>	Mouse
<b>经测试应用</b>	<b>适用于:</b> WB, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Human, Pig
<b>免疫原</b>	Recombinant fragment: NFVYNSPRGY FHTFAGDTCQ VALNFANEEE AKKFRKAVTD LLGRRQRKSE KRRDPPNGPN LPMATVDIKN PEITNRFYG PQVNNISH, corresponding to amino acids 97-185 of Human N WASP <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>存储溶液</b>	Preservative: None PBS, pH 7.2
<b>纯度</b>	Protein G purified
<b>克隆</b>	单克隆
<b>同种型</b>	IgG2b
<b>轻链类型</b>	kappa

### 应用

Our [Abpromise guarantee](#) covers the use of **ab56454** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 55 kDa.
IHC-P		Use at an assay dependent concentration. PubMed: 18641286

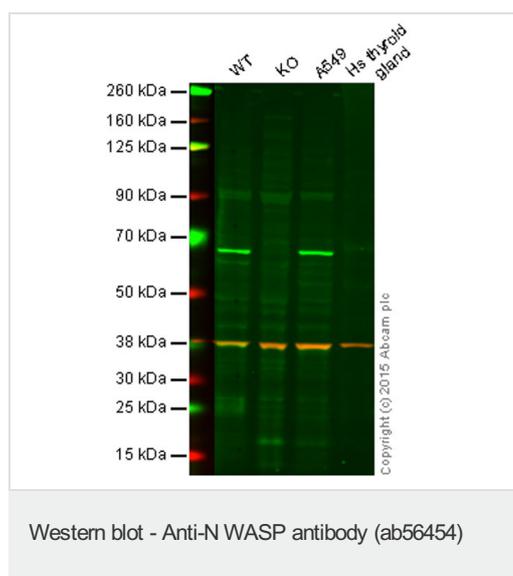
## 靶标

**功能** Regulates actin polymerization by stimulating the actin-nucleating activity of the Arp2/3 complex. Binds to HSF1/HSTF1 and forms a complex on heat shock promoter elements (HSE) that negatively regulates HSP90 expression.

**序列相似性** Contains 1 CRIB domain.  
Contains 1 WH1 domain.  
Contains 2 WH2 domains.

**细胞定位** Cytoplasm > cytoskeleton. Nucleus. Preferentially localized in the cytoplasm when phosphorylated and in the nucleus when unphosphorylated.

## 图片



**Lane 1:** Wild-type HAP1 cell lysate (20 µg)

**Lane 2:** N WASP knockout HAP1 cell lysate (20 µg)

**Lane 3:** A549 whole cell lysate (20 µg)

**Lane 4:** Human thyroid gland (20 µg)

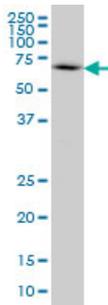
**Lanes 1 - 4:** Merged signal (red and green).

Green - ab56454 observed at 66 kDa. Red - loading control, ab8245, observed at 37 kDa. ab56454 was shown to specifically react with N WASP when N WASP knockout samples were used. Wild-type and N WASP knockout samples were subjected to SDS-PAGE.

ab56454 and ab8245 (loading control to GAPDH) were diluted 1/1000 and 1/2000 respectively and incubated overnight at 4°C.

Blots were developed with Goat anti-Mouse IgG H&L (IRDye® 800CW) preadsorbed ab216772 and Goat Anti-Rabbit IgG H&L (IRDye® 680RD) preadsorbed ab216777

secondary antibodies at 1/10000 dilution for 1 hour at room temperature before imaging.



N WASP antibody (ab56454) at 1ug/lane +  
IMR-32 cell lysate at 25ug/lane.

Western blot - Anti-N Wasp antibody (ab56454)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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