

Product datasheet

Anti-N WASP antibody ab56454

敲除验证

[2 References](#) [2 图像](#)

概述

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

性能

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

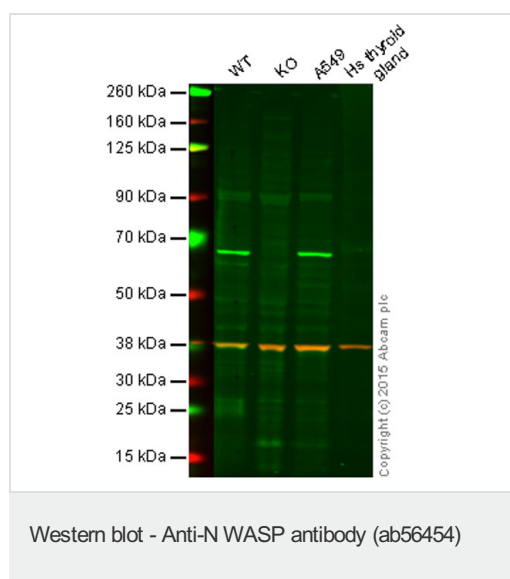
靶标

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)

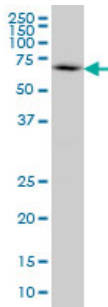
Lanes 1 - 4: Merged signal (red and green).

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 - N WASP antibody (ab56454)

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