Product name: Anti-N WASP (phospho Y256) antibody

Description: Rabbit polyclonal to N WASP (phospho Y256)

Host species: Rabbit

Tested applications: Suitable for: WB, ELISA

Species reactivity: Reacts with: Human

Immunogen: Phospho N WASP (Tyr 256) synthetic peptide (coupled to carrier protein) corresponding to amino acid residues around tyrosine 256 of human N WASP. The human WASP sequence has a similar peptide sequence surrounding tyrosine 291.

Positive control: Pervanadate treated A431, HeLa, Jurkat and endothelial cells for SDS PAGE immunoblots.

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage buffer: Preservative: 0.05% Sodium azide
Constituents: 50% Glycerol, 0.1% BSA

Purity: Immunogen affinity purified

Purification notes: This antibody was cross absorbed to phosphotyrosine then affinity purified using phospho N WASP (Tyr 256) peptide.

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab23395 in the following tested applications.

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

**Function**
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.

**Sequence similarities**
Contains 1 CRIB domain.
Contains 1 WH1 domain.
Contains 2 WH2 domains.

**Cellular localization**
Cytoplasm > cytoskeleton. Nucleus. Preferentially localized in the cytoplasm when phosphorylated and in the nucleus when unphosphorylated.

### Images

**All lanes**: Anti-N WASP (phospho Y256) antibody (ab23395) at 1/10000 dilution

**Lane 1**: Control A431 cells 20ug/lane
**Lane 2**: Pervanadate-treated A431 cells 20 ug/lane

**Predicted band size**: 55 kDa

Membrane was incubated with diluted antibody in 5% non-fat milk, PBS, 0.04% Tween20 for 1hour at room temperature.

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**Notes**

- **Please note**: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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