

Product datasheet

Human N WASP (phospho Y256) peptide ab42793

概述

产品名称 人N WASP (phospho Y256)肽

描述

性质 Synthetic

氨基酸序列

种属 Human

技术指标

Our [Abpromise guarantee](#) covers the use of **ab42793** in the following tested applications.

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

生物活性 Human WASP sequence has a two amino acid difference in the region surrounding Tyrosine 291.

应用 Blocking - Blocking peptide for Anti-N WASP (phospho Y256) antibody ([ab23395](#))

ELISA

形式 Liquid

补充说明

Phosphorylation at serine and tyrosine residues regulates the activity of both proteins. WASP is tyrosine phosphorylated at tyrosine 291 after antigen receptor activation in B-cells and collagen stimulation of platelets. Phosphorylation of the analogous site in N WASP (Tyr-256) stimulates its activity, reduces nuclear N WASP, and is required for neurite extension.

Human WASP sequence has a two amino acid difference in the region surrounding Tyrosine 291.

制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: 0.05% Sodium Azide

Constituents: PBS

常规信息

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.

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