

Product datasheet

Human IRF7 peptide ab92594

概述

产品名称 人IRF7多肽

描述

性质 Synthetic

氨基酸序列

种属 Human

技术指标

Our [Abpromise guarantee](#) covers the use of **ab92594** in the following tested applications.

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

应用 Blocking - Blocking peptide for Anti-IRF7 antibody ([ab62505](#))

形式 Liquid

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: 0.02% Sodium Azide

Constituents: PBS, pH 7.2

常规信息

功能 Transcriptional activator. Binds to the interferon-stimulated response element (ISRE) in IFN promoters and in the Q promoter (Qp) of EBV nuclear antigen 1 (EBNA1). Functions as a molecular switch for antiviral activity. Activated by phosphorylation in response to infection. Activation leads to nuclear retention, DNA binding, and derepression of transactivation ability.

组织特异性 Expressed predominantly in spleen, thymus and peripheral blood leukocytes.

序列相似性 Belongs to the IRF family.

Contains 1 IRF tryptophan pentad repeat DNA-binding domain.

翻译后修饰 In response to a viral infection, phosphorylated on the C-terminal serine cluster. Phosphorylation, and subsequent activation is inhibited by vaccinia virus protein E3.

TRAF6-mediated ubiquitination is required for IRF7 activation.

细胞定位

Nucleus. Cytoplasm. The phosphorylated and active form accumulates selectively in the nucleus.

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