

Human Glucocorticoid Receptor alpha peptide ab39764

描述

产品名称	人Glucocorticoid Receptor alpha多肽
纯度	> 90 % SDS-PAGE.
无动物成分	No
性质	Synthetic
种属	Human
序列	CEIITNQIPKYSNGNIKK
氨基酸	755 to 771

技术指标

Our **Abpromise guarantee** covers the use of **ab39764** in the following tested applications.

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

应用	Neutralising Blocking - Blocking peptide for Anti-Glucocorticoid Receptor alpha antibody (ab3580)
形式	Lyophilized

制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle. Double distilled water.
复溶	Reconstitute with 0.1ml distilled water for a 0.5mg/ml solution.

常规信息

相关性	Glucocorticoids are a family of steroids necessary for the regulation of energy metabolism and the immune and inflammatory responses. These compounds exert their effect through their interaction with the Glucocorticoid Receptor (GR) and that complex's subsequent association with DNA. All normal mammalian tissues examined to date have been shown to contain GR. The human GR exists in two forms, alpha and beta, which are thought to be the result of alternative splicing of a single gene. Sequence analysis indicates that alpha and beta forms of human GR are 777 and
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742 amino acids long, respectively. They are identical up to residue 727, after which they diverge. After ligand binding, the 94 kDa GR alpha isoform translocates from the cytoplasm to the nucleus where it regulates gene expression. In contrast, the 90 kDa GR beta isoform does not appear to bind either glucocorticoid agonists or antagonists, and has been localized predominantly in the nucleus independent of hormone treatment in some human cell lines. Studies suggest that human GR alpha has a greater affinity for GR response elements (GREs) than GR beta only when in the ligand bound state.

细胞定位

Cytoplasm. Nucleus. Cytoplasmic in the absence of ligand; nuclear after ligand-binding.

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