

Human Glucocorticoid Receptor alpha peptide ab39764

製品の詳細

製品名	Human Glucocorticoid Receptor alpha peptide
精製度	> 90 % SDS-PAGE.
Animal free	No
由来	Synthetic
生物種	Human
配列	CEIITNQIPKYSNGNIKK
領域	755 to 771

特性

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.

アプリケーション	Neutralising
	Blocking - Blocking peptide for Anti-Glucocorticoid Receptor alpha antibody (ab3580)
製品の状態	Lyophilized

前処理および保存

保存方法および安定性	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.
	Double distilled water.
再構成	Reconstitute with 0.1ml distilled water for a 0.5mg/ml solution.

関連情報

関連性	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.

細胞内局在

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

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

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