

Human Estrogen Receptor alpha peptide ab5847

2 References

製品の詳細

製品名	Human Estrogen Receptor alpha peptide
精製度	> 95 % SDS-PAGE.
アクセッション番号	P03372
Animal free	No
由来	Synthetic
生物種	Human
配列	NELEPLNRPQLKC
領域	21 to 32

特性

Our **Abpromise guarantee** covers the use of **ab5847** 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 Blocking - Blocking peptide for Anti-Estrogen Receptor alpha antibody (**ab3575**)

製品の状態 Lyophilized

備考 This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and Human estrogen receptor α , catalog **ab3575**. Using a solution with equal weights per unit volume of peptide and corresponding antibody will yield a solution with a large molar excess of peptide that is able to competitively bind the antibody.

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 or -80°C. Avoid freeze / thaw cycle.

再構成 Reconstitute with 0.1 ml of distilled water.

関連情報

機能 Nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Can activate the transcriptional activity of TFF1.

配列類似性	Belongs to the nuclear hormone receptor family. NR3 subfamily. Contains 1 nuclear receptor DNA-binding domain.
ドメイン	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.
翻訳後修飾	Phosphorylated by cyclin A/CDK2. Phosphorylation probably enhances transcriptional activity. Glycosylated; contains N-acetylglucosamine, probably O-linked. Ubiquitinated. Deubiquitinated by OTUB1. Dimethylated by PRMT1 at Arg-260. The methylation may favor cytoplasmic localization. Palmitoylated (isoform 3). Not biotinylated (isoform 3).
細胞内局在	Nucleus. Cytoplasm. Cell membrane. A minor fraction is associated with the inner membrane and Nucleus. Cytoplasm. Cell membrane. Associated with the inner membrane via palmitoylation.

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

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