

Human Estrogen Receptor alpha peptide ab5847

2 References

描述	
产品名称	人Estrogen Receptor alpha多肽
纯度	> 95 % SDS-PAGE.
Accession	<u>P03372</u>
无动物成分	No
性质	Synthetic
种属	Human
序列	NELEPLNRPQLKC
氨基酸	21 to 32
技术指标	
Our <u>Abpromise guarantee</u> 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.	
应用	Blocking - Blocking peptide for Anti-Estrogen Receptor alpha antibody (<u>ab3575</u>)
形式	Lyophilized
补充说明	This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and Human estrogen receptor a, catalog <u>ab3575</u> . 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.
制备和贮存	
稳定性和存储	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
复溶	Reconstitute with 0.1 ml of distilled water.
常规信息	
功能	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.

序列相似性	Belongs to the nuclear hormone receptor family. NR3 subfamily. Contains 1 nuclear receptor DNA-binding domain.
结构域	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.
翻译后修饰	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).
细胞定位	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.

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