

Anti-Estrogen Receptor alpha antibody ab75635

★★★★★ 5 Abreviews 47 References 4 图像

概述	
产品名称	Anti-Estrogen Receptor alpha抗体
描述	兔多克隆抗体to Estrogen Receptor alpha
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Human, capybara
免疫原	Synthetic peptide corresponding to Human Estrogen Receptor alpha (N terminal).
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: 0.2% BSA, PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG
应用	

The Abpromise guarantee Abpromise™承诺保证使用ab75635于以下的经测试应用

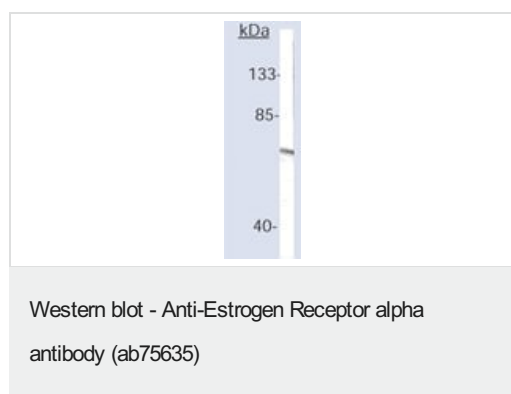
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 2.5 - 5 µg/ml. Detects a band of approximately 68 kDa (predicted molecular weight: 68 kDa).
IP		Use at 10 µg/mg of lysate.
IHC-P	★★★★★ (4)	Use a concentration of 10 - 20 µg/ml. Perform heat mediated antigen retrieval via the microwave method before commencing with IHC staining protocol.

靶标

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.

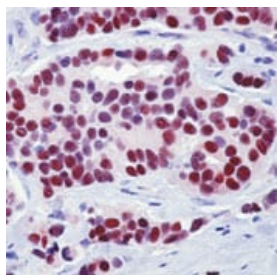
图片



Anti-Estrogen Receptor alpha antibody (ab75635) at 5 µg/ml + MCF7 (Human breast adenocarcinoma cell line) cell lysate

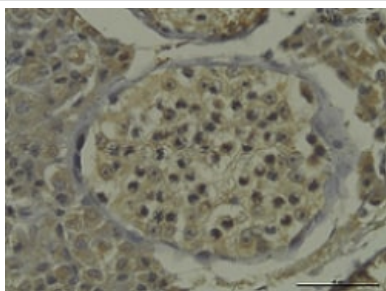
Predicted band size: 68 kDa

Observed band size: 68 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Estrogen Receptor alpha antibody (ab75635)

ab75635 at 20 µg/ml dilution staining Estrogen Receptor alpha in breast carcinoma by Immunohistochemistry, Formalin-fixed, Paraffin-embedded tissue using peroxidase-conjugate and AEC chromogen.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Estrogen Receptor alpha antibody (ab75635)

This image is courtesy of an Abreview submitted by Raísa Brito.

Immunohistochemical analysis of capybara testis tissue, labeling Estrogen receptor alpha with ab75635, diluted 1/1000. Heat mediated antigen retrieval with citrate buffer pH 6, blocked with BSA.



Immunoprecipitation - Anti-Estrogen Receptor alpha antibody (ab75635)

Staining of Estrogen Receptor alpha in MCF7 (Human breast adenocarcinoma cell line cell lysate immunoprecipitated using ab75635 at 10 µg/mg lysate.

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

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