

Product datasheet

Anti-Estrogen Receptor alpha antibody ab70168

画像数 2

製品の概要

製品名	Anti-Estrogen Receptor alpha antibody
製品の詳細	Rabbit polyclonal to Estrogen Receptor alpha
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, IP <b>適用なし:</b> WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat, Rabbit, Chimpanzee, Rhesus monkey, Gorilla, African green monkey, Orangutan 
免疫原	Synthetic peptide corresponding to a region between residues 1 and 50 of human Estrogen Receptor Alpha
ポジティブ・コントロール	MCF7 whole cell lysates.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 8mM PBS, 60mM Citrate, 150mM Tris, pH 7-8
精製度	Immunogen affinity purified
特記事項(精製)	ab70168 was affinity purified using an epitope specific to Estrogen Receptor Alpha immobilized on solid support.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab70168** in the following tested applications.

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

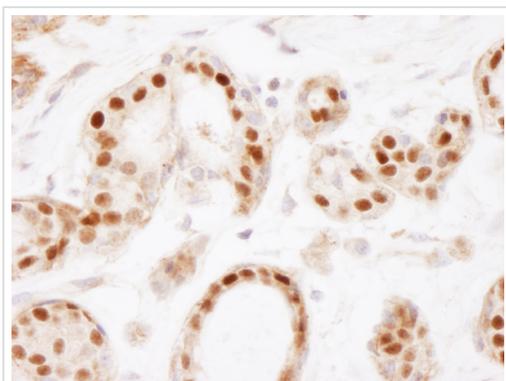
アプリケーション	Abreviews	特記事項
IHC-P		1/1000 - 1/5000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		Use at 3-5 µg/mg of lysate.

**追加情報** Is unsuitable for WB.

## ターゲット情報

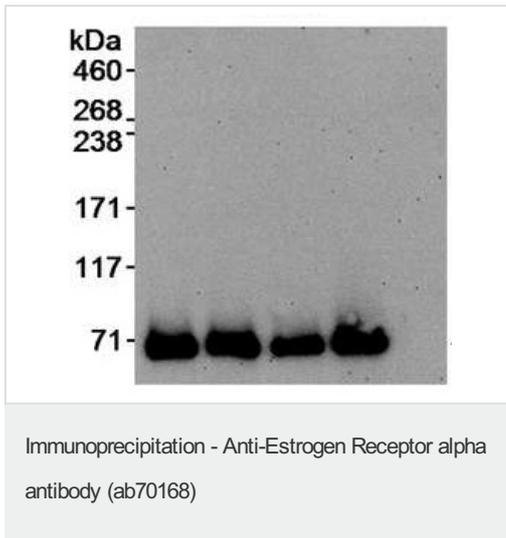
<b>機能</b>	Nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Can activate the transcriptional activity of TFF1.
<b>配列類似性</b>	Belongs to the nuclear hormone receptor family. NR3 subfamily. Contains 1 nuclear receptor DNA-binding domain.
<b>ドメイン</b>	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.
<b>翻訳後修飾</b>	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).
<b>細胞内局在</b>	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.

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast tissue labelling Estrogen Receptor alpha with ab70168 at 1/2500 (0.4µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Estrogen Receptor alpha antibody (ab70168)



Lane 1: IP using anti-Estrogen Receptor alpha (ab70168)

Lane 2: IP using anti-Estrogen Receptor alpha (ab70169)

Lane 3: IP using antibody not available on catalogue

Lane 4: IP using ab70170

Lane 5: Control IgG

Each antibody used for IP was used at a concentration of 3 ug/mg of lysate. Both the Western and detection of the IP'd samples was performed using 0.1 ug/ml of ab70170.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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