

Product datasheet

Anti-Estrogen Receptor alpha (phospho S102) antibody ab111917

画像数 1

製品の概要

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| 製品名 | Anti-Estrogen Receptor alpha (phospho S102) antibody |
| 製品の詳細 | Rabbit polyclonal to Estrogen Receptor alpha (phospho S102) |
| 由来種 | Rabbit |
| 特異性 | ab111917 detects endogenous levels of Estrogen Receptor alpha only when phosphorylated at serine 102. |
| アプリケーション | 適用あり: IHC-P |
| 種交差性 | 交差種: Human 交差が予測される動物種: Mouse, Rat  |
| 免疫原 | Synthetic peptide corresponding to Human Estrogen Receptor alpha aa 71-120. Synthetic phosphopeptide derived from Human Estrogen Receptor alpha around the phosphorylation site of serine 102 (L-N-SP-V-S). Database link: P03372 |
| ポジティブ・コントロール | Human Breast carcinoma tissue. |

製品の特性

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| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| バッファー | pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride |
| 精製度 | Immunogen affinity purified |
| 特記事項 (精製) | ab111917 was affinity-purified from Rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site |
| 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 **ab111917** in the following tested applications.

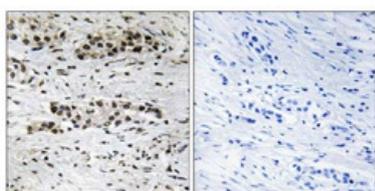
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| IHC-P | | 1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

ターゲット情報

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| 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. |

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Estrogen Receptor alpha (phospho S102) antibody (ab111917)

ab111917 at 1/50 dilution staining Estrogen Receptor alpha in paraffin-embedded Human Breast carcinoma tissue by Immunohistochemistry. The image on the right is treated with the synthesized phosphopeptide.

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