




Anti-Estrogen Receptor alpha antibody ab3575

★★★★★ [3 Abreviews](#) [33 References](#) [画像数 3](#)

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 | 適用あり: IHC-P, WB, ICC/IF |
| 種交差性 | 交差種: Rat, Human, Recombinant fragment 交差が予測される動物種: Hamster, Cow, Cat  |
| 免疫原 | Synthetic peptide corresponding to Human Estrogen Receptor alpha aa 21-32. Sequence: NELEPLNRPQLK Database link: P03372 (Peptide available as ab5847)  Run BLAST with  Run BLAST with |
| ポジティブ・コントロール | WB: recombinant fragment; IHC: rat prostate tissue; ICC/IF: T47D and 578T breast cancer cells |
| 特記事項 | <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> |

製品の特性

| | |
|-------|--|
| 製品の状態 | Liquid |
| 保存方法 | 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. |
| バッファー | Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 99% PBS |
| 精製度 | Immunogen affinity purified |
| ポリ/モノ | ポリクローナル |

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab3575の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| IHC-P | ★★★★★ (1) | Use a concentration of 1 - 5 µg/ml. |
| WB | | Use a concentration of 1 µg/ml. Detects a band of approximately 64 kDa (predicted molecular weight: 68 kDa). Can be blocked with Human Estrogen Receptor alpha peptide (ab5847) . |
| ICC/IF | | 1/1000 - 1/4000. |

ターゲット情報

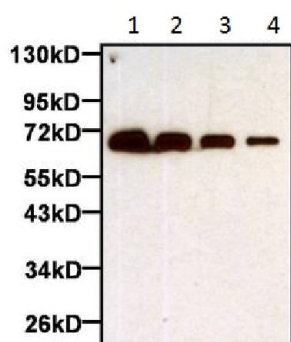
| | |
|-------|---|
| 機能 | Nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Can activate the transcriptional activity of TFF1. |
| 配列類似性 | Belongs to 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. |

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Estrogen Receptor alpha antibody (ab3575)

ab3575 at a dilution of 5 µg/ml staining ER alpha in rat prostate tissue sections.



Western blot - Anti-Estrogen Receptor alpha antibody (ab3575)

All lanes : Anti-Estrogen Receptor alpha antibody (ab3575) at 1/1000 dilution

Lane 1 : Recombinant full-length human Estrogen Receptor alpha protein, 250 ng

Lane 2 : Recombinant full-length human Estrogen Receptor alpha protein, 125 ng

Lane 3 : Recombinant full-length human Estrogen Receptor alpha protein, 62.5 ng

Lane 4 : Recombinant full-length human Estrogen Receptor alpha protein, 31.25 ng

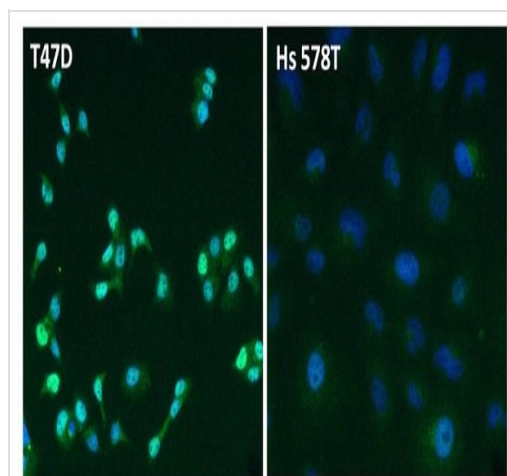
Secondary

All lanes : HRP-conjugated goat anti-rabbit IgG at 1/40000 dilution

Developed using the ECL technique.

Predicted band size: 68 kDa

Blocked with 5% milk in TBST for at least 1 hour at room temperature.



Immunocytochemistry/ Immunofluorescence - Anti-Estrogen Receptor alpha antibody (ab3575)

4% paraformaldehyde fixed 0.1% Triton permeabilized T-47D (human ductal breast epithelial tumor cell line) and negative control line Hs 578T cells stained for Estrogen Receptor alpha (green) using ab3575 (1/2000) in ICC/IF. DyLight 488-conjugated goat anti-rabbit IgG at 1/500.

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