

Product datasheet

Anti-Estrogen Receptor alpha (phospho S106) antibody ab47615

画像数 2

製品の概要

製品名	Anti-Estrogen Receptor alpha (phospho S106) antibody
製品の詳細	Rabbit polyclonal to Estrogen Receptor alpha (phospho S106)
由来種	Rabbit
特異性	This antibody is specific for Estrogen Receptor alpha, only when phosphorylated at serine 106.
アプリケーション	適用あり: WB, IHC-P, ELISA
種交差性	交差種: Human 交差が予測される動物種: Mouse 
免疫原	A synthesized phosphopeptide derived from human Estrogen Receptor alpha around the phosphorylation site of serine 106 (S-P-S ^P -P-L)
ポジティブ・コントロール	Extracts from MCF7 cells and human breast carcinoma

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: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
特記事項 (精製)	The antibody 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 **ab47615** in the following tested applications.

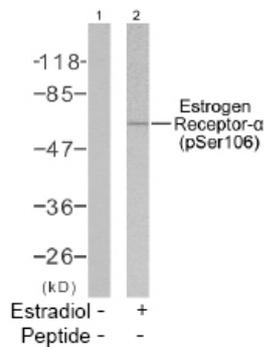
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 65 kDa (predicted molecular weight: 68 kDa).
IHC-P		Use at an assay dependent concentration.
ELISA		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



Western blot - Anti-Estrogen Receptor alpha (phospho S106) antibody (ab47615)

All lanes : Anti-Estrogen Receptor alpha (phospho S106) antibody (ab47615) at 1/500 dilution

Lane 1 : Extracts from MCF7 cells

Lane 2 : Extracts from MCF7 cells Estradiol treated

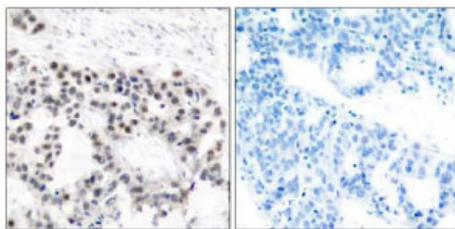
Lysates/proteins at 30 µg per lane.

Secondary

All lanes : Alkaline Phosphatase AffiniPure Goat Anti-Rabbit IgG (H+L)

Predicted band size: 68 kDa

Observed band size: 65 kDa



P-Peptide - +

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Estrogen Receptor alpha (phospho S106) antibody (ab47615)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ab47615 at a 1/50 dilution. Left: untreated sample; Right: sample preincubated with immunizing peptide.

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