

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 35-1068: Polyclonal Antibody to Estrogen Receptor- Alpha (Phospho-Ser104)

Clonality: Polyclonal
Application: WB,IHC
Reactivity: Human
Gene: ESR1
Gene ID: 2099
Uniprot ID: P03372
Format: Purified

Alternative Name : ER, ESR, ESR1, ESTR, ESTRA

**Isotype:** Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of serine 104 (S-V-S(p)-P-S) derived from

Human Estrogen Receptor-a.

## **Description**

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.

## **Product Info**

**Amount :** 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 66kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

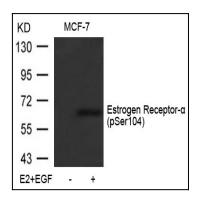


Figure 1: Western blot analysis of extracts from MCF-7 cells untreated or treated with E2 and EGF using Estrogen Receptor-a(Phospho-Ser104) Antibody 35-1068



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

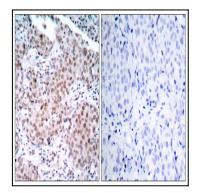


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Estrogen Receptor-a(Phospho-Ser104) Antibody 35-1068 (left) or the same antibody preincubated with blocking peptide(right).