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## 35-1420: Polyclonal Antibody to Estrogen Receptor- Alpha (Ab-106)

Clonality: Polyclonal Application: WB,IHC

**Reactivity:** Human, Mouse, Rat

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 aa.104~108 (S-P- S-P-L) 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

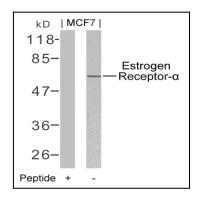


Figure 1: Western blot analysis of extracts from MCF7 cells using Estrogen Receptora(Ab-106) Antibody 35-1420 and the same antibody preincubated with blocking peptide.



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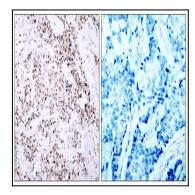


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Estrogen Receptor-a(Ab-106) Antibody 35-1420 (left) or the same antibody preincubated with blocking peptide(right).