

# Anti-Phospho-Estrogen Receptor alpha (S118) Rabbit Polyclonal Antibody



**Catalog #: U0377**

## Aliases

ESR; NR3A1; Estrogen receptor; ER; ER-alpha; Estradiol receptor; Nuclear receptor subfamily 3 group A member 1

## Background

Gene Name: ESR1

NCBI Gene Entry: [2099](#)

UniProt Entry: [P03372](#)

## Application Information

Molecular Weight: Predicted, 66 kDa; observed, 66 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

## Immunogen

A synthesized peptide derived from human Phospho-Estrogen Receptor alpha (S118)

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

**Note:** This product is for research use only.

## Validation Data

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

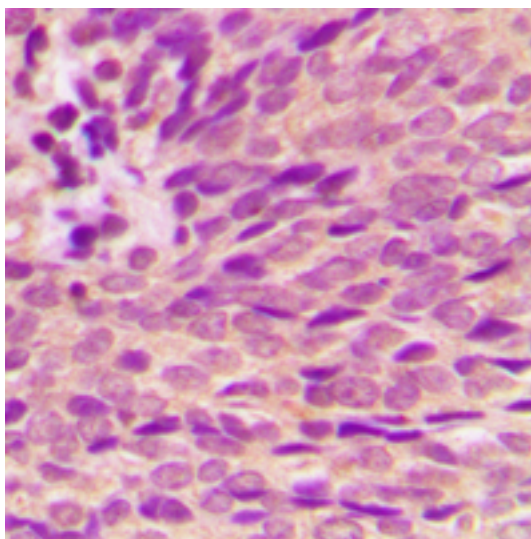
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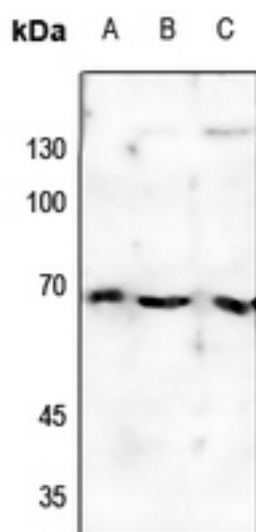
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Immunohistochemical analysis of Estrogen Receptor alpha (Phospho-S118) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of Estrogen Receptor alpha (Phospho-S118) expression in HEK293T (A), Hela (B), H446 (C) whole cell lysates.

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