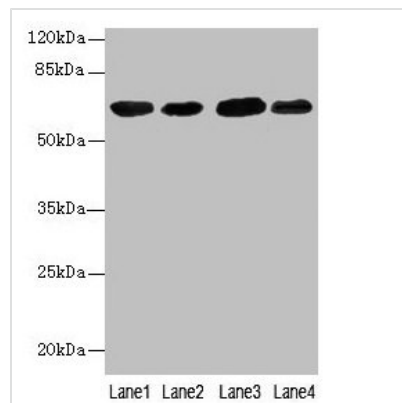




# ESR1 Antibody

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-PA11399A0Rb   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.   |
| <b>Uniprot No.</b>         | P03372  |
| <b>Immunogen</b>           | Recombinant Human Estrogen receptor protein (10-591AA)  |
| <b>Raised In</b>           | Rabbit  |
| <b>Species Reactivity</b>  | Human, Rat  |
| <b>Tested Applications</b> | ELISA, WB, IHC, ChIP; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200  |
| <b>Form</b>                | Liquid  |
| <b>Conjugate</b>           | Non-conjugated  |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4  |
| <b>Purification Method</b> | >95%, Protein G purified  |
| <b>Isotype</b>             | IgG   |
| <b>Clonality</b>           | Polyclonal  |
| <b>Alias</b>               | Estrogen receptor (ER) (ER-alpha) (Estradiol receptor) (Nuclear receptor subfamily 3 group A member 1), ESR1, ESR NR3A1 |
| <b>Immunogen Species</b>   | Homo sapiens (Human)  |
| <b>Research Area</b>       | Signal Transduction   |
| <b>Target Names</b>        | ESR1  |

## Image



### Western blot

All lanes: ESR1 antibody at 7µg/ml

Lane 1: Hela whole cell lysate

Lane 2: MCF-7 whole cell lysate

Lane 3: Rat brain tissue

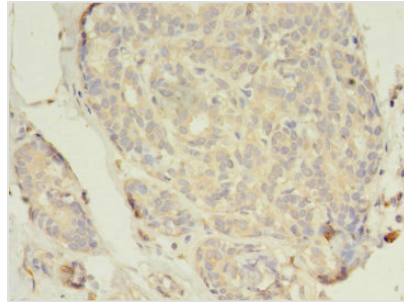
Lane 4: Colo320 whole cell lysate

Secondary

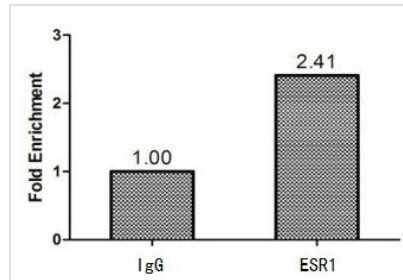
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 67, 54, 48, 36 kDa

Observed band size: 67 kDa



Immunohistochemistry of paraffin-embedded human breast cancer using CSB-PA11399A0Rb at dilution of 1:100



Chromatin Immunoprecipitation MCF-7 ( $1.1 \times 10^6$ ) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with  $4\mu\text{g}$  anti-ESR1 or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers (CSB-PP11399HU) against the ESR1 promoter.