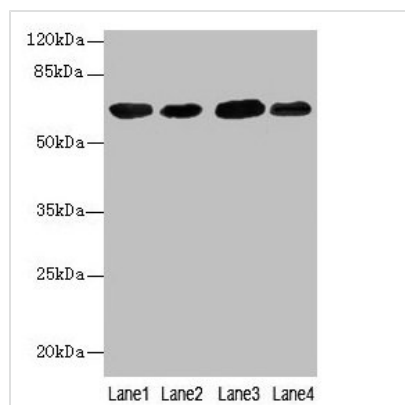




# ESR1 Antibody

<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 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

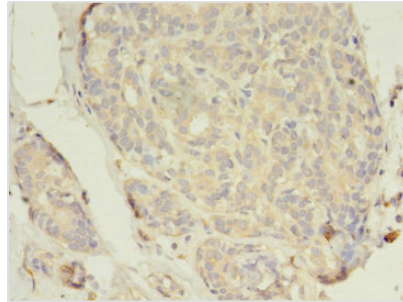
Lane 4: Colo320 whole cell lysate

Secondary

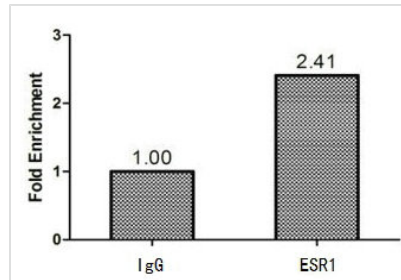
Goat polyclonal to rabbit IgG at 1/10000 dilution

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.