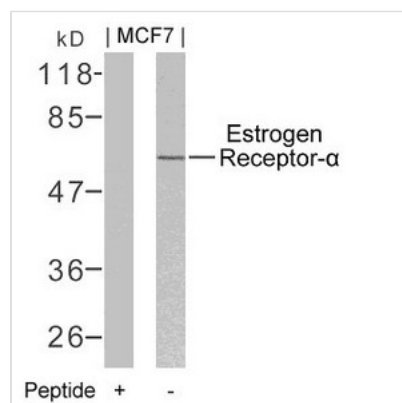




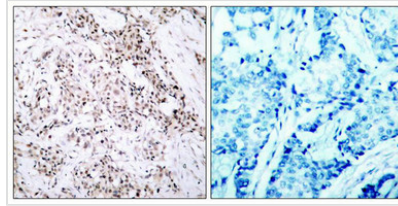
# ESR1 (Ab-106) Antibody

<b>Product Code</b>	CSB-PA209007
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P03372
<b>Immunogen</b>	Peptide sequence around aa.104~108 (S-P- S-P-L) derived from Human Estrogen Receptor-a.
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human,Mouse
<b>Specificity</b>	The antibody detects endogenous level of total Estrogen Receptor-a protein.
<b>Tested Applications</b>	ELISA,WB,IHC;WB:1:500-1:1000,IHC:1:50-1:200
<b>Relevance</b>	<p>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.</p> <p>Medunjanin S, et al. (2005). J Biol Chem.80 (38):33006-33014.  Dutertre M, et al. (2003). Mol Endocrinol.17 (7): 1296-1314.  Chen D, et al. (2000). Mol Cell.6 (1): 127-137.  Rogatsky I, et al. (1999). J Biol Chem.274 (32): 22296-22302.</p>
<b>Form</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
<b>Clonality</b>	Polyclonal
<b>Alias</b>	ER; ESR; ESR1; ESTR; ESTRA
<b>Product Type</b>	Polyclonal Antibody
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	ESR1

## Image



Western blot analysis of extracts from MCF7 cells using Estrogen Receptor-a(Ab-106) Antibody and the same antibody preincubated with blocking peptide.



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