

Rabbit Estrogen alpha Polyclonal Antibody | anti-ESR1 antibody

Estrogen Receptor alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311970	Rabbit	Human, Baboon	Immunohistochemistry, Western Blot

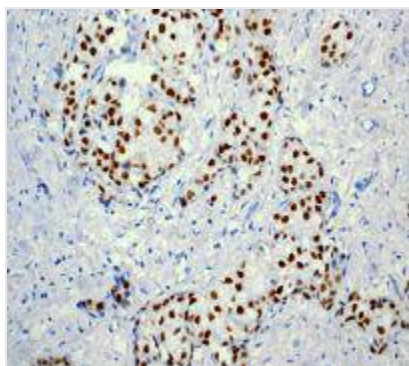
PRODUCT SYNONYMS

Estrogen alpha; Polyclonal Antibody; Estrogen Receptor alpha Antibody; DKFZp686N23123 antibody; ER alpha antibody; ER antibody; ER-alpha antibody; Era antibody; ESR antibody; ESR1 antibody; ESR1_HUMAN antibody; ESRA antibody; Estradiol receptor antibody; Estrogen nuclear receptor alpha antibody; Estrogen receptor 1 antibody; Estrogen receptor alpha 3*; 4; 5; 6; 7*/822 isoform antibody; Estrogen receptor alpha antibody; Estrogen receptor alpha delta 3*; 7*; 8*/941 isoform antibody; 7*/819 2 isoform antibody; Estrogen receptor alpha delta 4 +49 isoform antibody; Estrogen receptor alpha delta 4*; 7*/654 isoform antibody; 7; 8*/901 isoform antibody; Estrogen receptor alpha E1 E2 1 2 antibody; Estrogen receptor alpha E1 N2 E2 1 2 antibody; Estrogen receptor antibody; ESTRR antibody; NR3A1 antibody; Nuclear receptor subfamily 3 group A member 1 antibody; anti-ESR1 antibody

PRODUCT SPECIFICATIONS

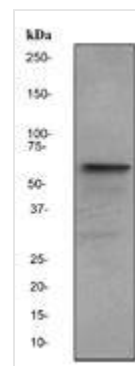
Host	Rabbit
Reactivity	Human, Baboon
Clonality	Polyclonal
Purity/Purification	Tissue culture supernatant
Form/Format	1*TBS (pH7.4), 0.5%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ESR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-ER-alpha.



WB (Western Blot)

Western blot analysis on MCF-7 cell lysate using anti-ER-alpha.

ADDITIONAL INFORMATION

Related Product Information for anti-ESR1 antibody	Estrogen receptor alpha (ER alpha) is a nuclear protein and member of the steroid hormone receptor family. ER alpha possesses both DNA binding and ligand binding domains, and exerts a significant role in activating the transcription of certain genes (1). Ligand-dependent dimerization and phosphorylation both function to regulate the transcriptional activation of ER alpha (2). The ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti-estrogen (e.g. tamoxifen) therapy (3).
Product Categories/Family for anti-ESR1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	62821794
NCBI GeneID	2099
NCBI Accession #	NP_000116.2
NCBI GenBank Nucleotide #	NM_000125.3
UniProt Accession #	P03372; Q13511; Q14276; Q5T5H7; Q6MZQ9; Q9NU51; Q9UDZ7; Q9UIS7
Molecular Weight	66,216 Da
NCBI Official Full Name	estrogen receptor
NCBI Official Synonym Full Names	estrogen receptor 1
NCBI Official Symbol	ESR1
NCBI Official Synonym Symbols	ER; ESR; Era; ESRA; NR3A1
NCBI Protein Information	estrogen receptor; ER-alpha; estradiol receptor; estrogen nuclear receptor alpha; estrogen receptor alpha E1-E2-1-2; estrogen receptor alpha E1-N2-E2-1-2; estrogen receptor alpha delta 4 +49 isoform; nuclear receptor subfamily 3 group A member 1; estrogen
UniProt Protein Name	Estrogen receptor
UniProt Gene Name	ESR1
UniProt Synonym Gene Names	ESR; NR3A1; ER
UniProt Entry Name	ESR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/estrogen-alpha-antibody-immunohistochemistry-western-blot-elisa/311970>