

Rabbit anti-Human, Mouse ER Alpha / Estrogen Receptor Polyclonal Antibody | anti-ESR1 antibody

Rabbit Polyclonal to Human ER Alpha / Estrogen Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52444	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

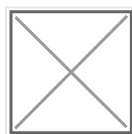
PRODUCT SYNONYMS

ER Alpha / Estrogen Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human ER Alpha / Estrogen Receptor; Anti-ER Alpha / Estrogen Receptor Antibody (aa53-301) IHC-plus; Era; ERalpha; Estrogen receptor; Estradiol receptor; ER-alpha; Estrogen receptor 1; NR3A1; ER; ESR; ESRA; Estrogen receptor alpha; ER Alpha; Human ER Alpha; Estrogen Receptor; anti-ESR1 antibody

PRODUCT SPECIFICATIONS

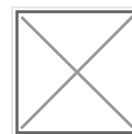
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Human ER / Estrogen Receptor
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	595
Applicable Applications for anti-ESR1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein from human ESR1.
Immunogen Type	Recombinant protein
Immunogen	ER Alpha / Estrogen Receptor antibody was raised against recombinant protein from human ESR1.
Antigen Modification	aa53-301
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



WB (Western Blot)

ESR1 Antibody Western blot of mouse brain tissue lysates (35 ug/lane). This demonstrates the ESR1 antibody detected the ESR1 protein (arrow).



IHC (Immunohistochemistry)

Anti-ER Alpha / Estrogen Receptor antibody IHC staining of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-ESR1 antibody	Estrogen receptor alpha, a NR3 Steroid Receptor, activates transcription of a wide variety of genes in response to estrogen, particularly in reproductive tissues. Recent studies have shown that ER alpha also can function in a ligand-independent and DNA binding- independent manner, as well as through cell-surface signaling. ER alpha functions have also been demonstrated via the selective ER modulator (SERM) ligands and their various ER signaling pathways.
Product Categories/Family for anti-ESR1 antibody	Family: NHR; Subfamily: NR3 Steroid receptor

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	35,547 Da
NCBI Official Full Name	estrogen receptor isoform 1
NCBI Official Synonym Full Names	estrogen receptor 1
NCBI Official Symbol	ESR1
NCBI Official Synonym Symbols	ER; ESR; Era; ESRA; ESTRR; 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; nuclear receptor subfamily 3 group A member 1
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://stage.aaabiotech.com/polyclonal/er-alpha-estrogen-receptor-antibody-western-blot-immunohistochemistry-elisa/52444>