

Rabbit ESRalpha Polyclonal Antibody | anti-ESRalpha antibody

ESRalpha Rabbit pAb

CATALOG # AAA281675	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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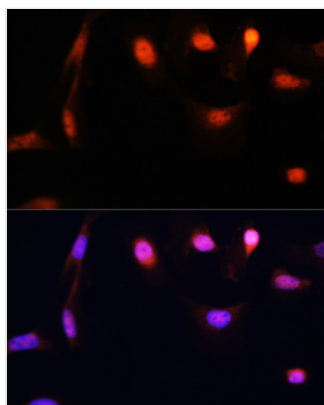
PRODUCT SYNONYMS

ESRalpha; Polyclonal Antibody; ESRalpha Rabbit pAb; ESR1; ER; ESR; ESRA; ESTRR; Era; NR3A1; ER alpha; anti-ESRalpha antibody

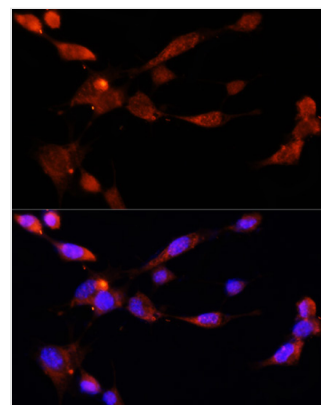
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MTMTLHTKAS GMALLHQIQG NELEPLNRPQ LKIPLERPLG EVYLDSSKPA VYNYPEGAAY EFNAAAAANA QVYGQTGLPY GPGSEAAAFG SNGLGGFPL NSVSPSPLML LHPPPQLSPF LQPHGQQVPY YLENESPGYT VREAGPPAFY RPNSDNRRQG GRERLASTND KGSMAMESAK ETRYCAVCND
Applicable Applications for anti-ESRalpha antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human Estrogen Receptor alpha (ESRalpha)(NP_000116.2).
Cellular Location	Cell membrane, Cytoplasm, Cytoplasmic side, Cytoplasmic side, Golgi apparatus, Nucleus, Peripheral membrane protein, Single-pass type I membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

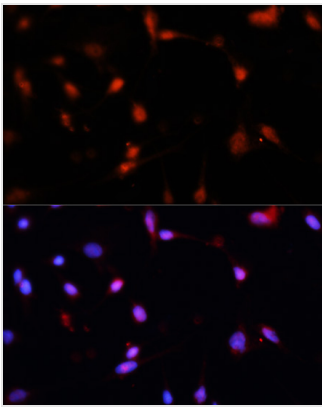


IF (Immunofluorescence)

Immunofluorescence analysis of U-2OS cells using Estrogen Receptor alpha (ESR α) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.


IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Estrogen Receptor alpha (ESR α) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using Estrogen Receptor alpha (ESR1) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ESRalpha antibody	Background: This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative promoter usage and alternative splicing result in dozens of transcript variants, but the full-length nature of many of these variants has not been determined.
Product Categories/Family for anti-ESRalpha antibody	Epigenetics & Nuclear Signaling ; Transcription Factors ; Research ; Protein phosphorylation ; Research ; Signal Transduction ; MAPK-Erk Signaling Pathway ; Products ; Drug Targets

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://stage.aaabiotech.com/polyclonal/esralpha-antibody-immunofluorescence-western-blot-elisa/281675>