

Rabbit anti-Human ESR1 Polyclonal Antibody | anti-ESR1 antibody

ESR1 antibody - C-terminal region

CATALOG # AAA197132	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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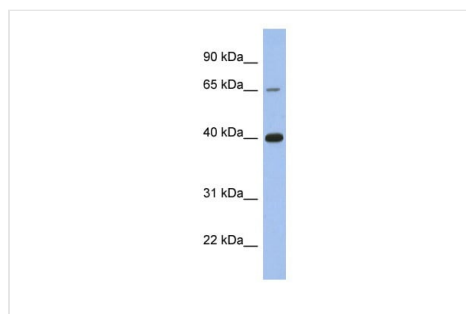
PRODUCT SYNONYMS

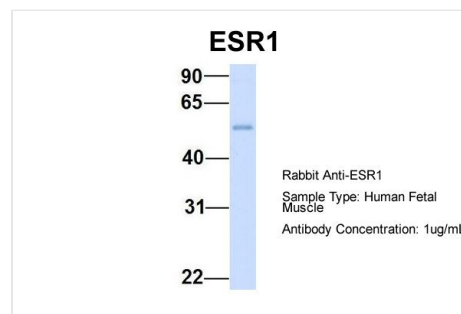
ESR1; Polyclonal Antibody; ESR1 antibody - C-terminal region; anti-ESR1 antibody

PRODUCT SPECIFICATIONS

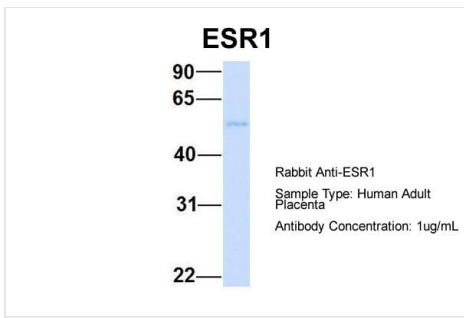
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AH RLHAPTSRGG ASVEETDQSH LATAGSTSSH SLQKYYITGE AEGFPATV
Sequence Length	595
Applicable Applications for anti-ESR1 antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ESR1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ESR1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: ACHN cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: ESR1
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: RabbitTarget Name: ESR1Sample Type: Human Adult PlacentaAntibody Dilution:
1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ESR1 antibody	This is a rabbit polyclonal antibody against ESR1. It was validated on Western Blot Target Description: ESR1 is 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 splicing results in several transcript variants, which differ in their 5' UTRs and use different promoters.
Product Categories/Family for anti-ESR1 antibody	Polyclonal; Neurobiology; Signal Proteins; Cell Cycle Proteins; Growth Factors & Hormones; Membrane Protein; Transcription Regulation; Drugs and Drug Metabolism; Cell Biology; Membrane & Traffic; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	62821794
NCBI GeneID	2099
NCBI Accession #	NP_000116
NCBI GenBank Nucleotide #	NM_000125
UniProt Accession #	P03372
Molecular Weight	66kDa
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
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.

