

Rabbit Estrogen Receptor alpha Polyclonal Antibody | anti-ESR1 antibody

Estrogen Receptor alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75867	Rabbit	Human, Monkey, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Estrogen Receptor alpha; Polyclonal Antibody; Estrogen Receptor alpha Antibody; DKFZp686N23123; ER alpha; ER; Era; ESR; ESR1; ESRA; Estradiol receptor; Estrogen nuclear receptor alpha; Estrogen receptor 1; Estrogen receptor; ESTRR; Major ORF; NR3A1; Nuclear receptor subfamily 3 group A member 1 antibody; anti-ESR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.55-0.75 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	595
Applicable Applications for anti-ESR1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 545-595 on human Estrogen receptor alpha protein.
Immunoglobulin	IgG
Expression	Widely expressed. Isoform 3 is not expressed in the pituitary gland
Determinant	C-epitope
Molecular Function	Activator, Receptor
Structure	Belongs to the nuclear hormone receptor family. NR3 subfamily
Subcellular Location	Cell membrane, Cytoplasm, Golgi apparatus, Membrane, Nucleus
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ESR1 antibody	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.
--	--

Product Categories/Family for anti-ESR1 antibody

Primary Antibodies; Endocrine System; Estrogen Receptor alpha Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	544257
NCBI GeneID	2099
UniProt Accession #	P03372; Q13511; Q14276; Q5T5H7; Q6MZQ9; Q9NU51; Q9UDZ7; Q9UIS7
Molecular Weight	35,547 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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/estrogen-receptor-alpha-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75867>