Rabbit Estrogen Receptor Alpha Polyclonal Antibody | anti-ESRA antibody

Estrogen Receptor Alpha Antibody (Ser106)

CATALOG #	HOST	APPLICATIONS
AAA226028	**Rabbit**	**Immunofluorescence, Immunohistochemistry, Western Blot**

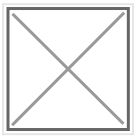
PRODUCT SYNONYMS

Estrogen Receptor Alpha; Polyclonal Antibody; Estrogen Receptor Alpha Antibody (Ser106); Rabbit Polyclonal Estrogen Receptor alpha Antibody (Ser106); Polyclonal Estrogen Receptor alpha antibody; Anti-Estrogen Receptor alpha antibody; estrogen receptor 1 antibody; estrogen receptor alpha delta 3* 4 5 6 7*/819-2 isoform antibody; estrogen receptor alpha delta 4 +49 isoform antibody; estrogen receptor alpha delta 4* 5 6 7*/654 isoform antibody; NR3A1 antibody; Nuclear receptor subfamily 3 group A member 1 antibody; DKFZp686N23123 antibody; ER antibody; ER-alpha antibody; Era antibody; ESR antibody; ESR1 antibody; ESRA antibody; Estradiol receptor antibody; Estrogen receptor antibody; anti-ESRA antibody

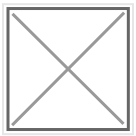
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Estrogen Receptor alpha antibody (Ser106) detects endogenous levels of Estrogen Receptor alpha only when phosphorylated at serine 106
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	444
Applicable Applications for anti-ESRA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Estrogen Receptor alpha antibody was raised in Rabbit using a synthesized phosphopeptide derived from human Estrogen Receptor alpha around the phosphorylation site of serine106 (S-P- SP-P-L) as the immunogen.
Cross-Reactivity	Mouse
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Estrogen Receptor alpha antibody (Ser106



WB (Western Blot)
Western blot analysis of extracts from MCF7 cells, using Estrogen Receptor-alpha antibody and Estrogen Receptor-alpha (phospho-Ser106) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ESRA antibody	Once activated by estrogen, the ER is able to translocate into the nucleus and bind to DNA to regulate the activity of different genes (i.e. it is a DNA-binding transcription factor). However, it also has additional functions independent of DNA binding.

Product Categories/Family for anti-ESRA antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5821726
NCBI GeneID	2099
NCBI Official Full Name	estrogen receptor alpha, partial
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

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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