Rabbit anti-Human, Rat Estrogen receptor Polyclonal Antibody | anti-ESR1 antibody

Rabbit anti-human Estrogen receptor polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA18813	**Rabbit**	**Human, Rat**	**ELISA, Western Blot, Immunohistochemistry, Chromatin Immunoprecipitation, Immunoprecipitation**

PRODUCT SYNONYMS

Estrogen receptor; Polyclonal Antibody; Rabbit anti-human Estrogen receptor polyclonal Antibody; Estrogen receptor (ER) (ER-alpha) (Estradiol receptor) (Nuclear receptor subfamily 3 group A member 1); ESR1; ESR NR3A1; anti-ESR1 antibody

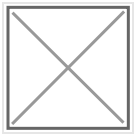
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Sequence Length	595
Applicable Applications for anti-ESR1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), ChIP (Chromatin Immunoprecipitation)
Application Notes	WB: 1:1000-1:5000 IHC: 1:20-1:200
Immunogen	Recombinant Human Estrogen receptor protein (10-591AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	ESR1
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES

ChIP (Chromatin Immunoprecipitation)
Chromatin Immunoprecipitation MCF7(1.1*106) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4ug anti-ESR1 or a control normal rabbit IgG . The resulting ChIP DNA was quantified using real-time PCR with primers against the ESR1 promoter.

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA18813 at dilution 1:100



WB (Western Blot)
All lanes: ESR1 antibody at 7ug/mlLane 1: Hela whole cell lysateLane 2: MCF-7 whole cell lysateLane 3: Rat brain tissueLane 4: Colo320 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 67, 54, 48, 36 kDaObserved band size: 67 kDa

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
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.

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