

Rabbit anti-Human, Mouse Estrogen Receptor beta Polyclonal Antibody | anti-ESR2 antibody

Estrogen Receptor beta Antibody

CATALOG # AAA301397	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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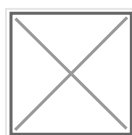
PRODUCT SYNONYMS

Estrogen Receptor beta; Polyclonal Antibody; Estrogen Receptor beta Antibody; ER-BETA antibody; ESR-BETA antibody; ESRB antibody; ESTRB antibody; Erb antibody; NR3A2 antibody; ESR2 antibody; estrogen nuclear receptor beta variant a antibody; estrogen nuclear receptor beta variant b antibody; estrogen receptor beta antibody; estroge; anti-ESR2 antibody

PRODUCT SPECIFICATIONS

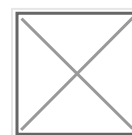
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Estrogen Receptor beta protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	495
Applicable Applications for anti-ESR2 antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 113 and 400 of Estrogen Receptor beta.
Target Name	Estrogen Receptor beta
Preparation and Storage	Store at -20 degree C

IMAGES



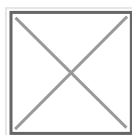
Application Data

Sample (30 ug of whole cell lysate) A:NIH-3T37.5% SDS PAGE diluted at 1:1000



Application Data

Sample (30 ug of whole cell lysate) A: HeLa 7.5% SDS PAGE diluted at 1:1000



Application Data

Sample (60 ug of whole cell lysate) A: GC1 B: GC1 co-transfected ER-beta (NM_207707) 12% SDS PAGE diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-ESR2 antibody	This gene encodes a member of the family of estrogen receptors and superfamily of nuclear receptor transcription factors. The gene product contains an N-terminal DNA binding domain and C-terminal ligand binding domain and is localized to the nucleus, cytoplasm, and mitochondria. Upon binding to 17beta-estradiol or related ligands, the encoded protein forms homo- or hetero-dimers that interact with specific DNA sequences to activate transcription. Some isoforms dominantly inhibit the activity of other estrogen receptor family members. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been fully characterized. [provided by RefSeq]
Product Categories/Family for anti-ESR2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	94538325
NCBI GeneID	2100
NCBI Accession #	NP_001035365.1
NCBI GenBank Nucleotide #	NM_001040275.1
UniProt Accession #	Q92731; O60608; O60685; O60702; O60703; O75583; O75584; Q0MWT5; Q0MWT6; Q86Z31; A8K8K5; G3V5M5
Molecular Weight	53,209 Da
NCBI Official Full Name	estrogen receptor beta isoform 2
NCBI Official Synonym Full Names	estrogen receptor 2 (ER beta)
NCBI Official Symbol	ESR2
NCBI Official Synonym Symbols	Erb; ESRB; ESTRB; NR3A2; ER-BETA; ESR-BETA
NCBI Protein Information	estrogen receptor beta
UniProt Protein Name	Estrogen receptor beta
UniProt Gene Name	ESR2
UniProt Synonym Gene Names	ESTRB; NR3A2; ER-beta
UniProt Entry Name	ESR2_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/estrogen-receptor-beta-antibody-western-blot-elisa/301397>