

Rabbit ESR2 Polyclonal Antibody | anti-ESR2 antibody

ESR2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197311	Rabbit	Tested Reactivity: Human Predicted Reactivity: Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot

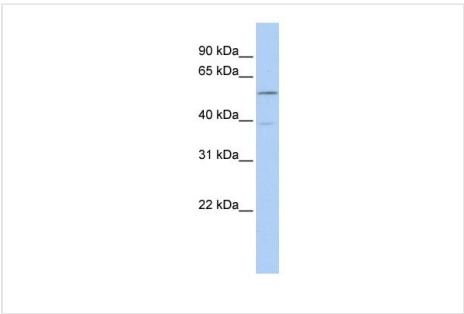
PRODUCT SYNONYMS

ESR2; Polyclonal Antibody; ESR2 antibody - middle region; anti-ESR2 antibody

PRODUCT SPECIFICATIONS

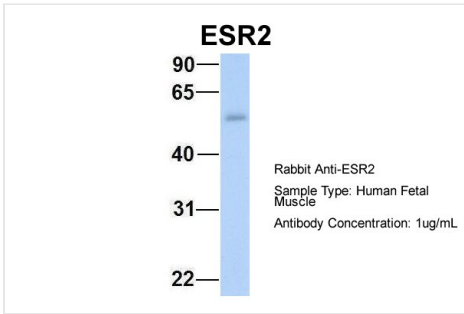
Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Applicable Applications for anti-ESR2 antibody	WB (Western Blot)
Protein Size (# AA)	530 amino acids
Protein Interactions	PLSCR1; MEOX2; NOTCH2NL; RFX6; MMS19; BCAS2; NCOA1; RPS18; MRPS15; MRPS22; ZC3HAV1; PTCD3; EXOSC4; MRPS2; MED4; MRPS27; MRPS31; MED17; TRIM24; NRIP1; NCOA3; STAU1; SP1; PABPC5; MYLK2; RPS11; RPS4X; RPLP0; RPL36AL; PPP5C; HSPA8; ESR2; ESR1; ACTB; SRA1; ARI
Blocking Peptide	For anti-ESR2 antibody is Catalog # immunogen is a synthetic peptide directed towards the middle region of human ESR2
Replacement Item	This antibody may replace item sc-35325 from Santa Cruz Biotechnology.
Predicted Homology	Cow: 86%; Dog: 86%; Goat: 86%; Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 86%; Pig: 86%; Rabbit: 86%; Rat: 86%; Sheep: 86%
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



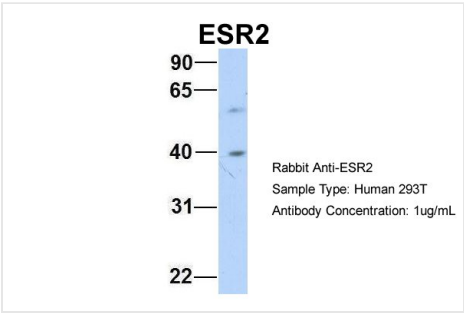
WB (Western Blot)

WB Suggested Anti-ESR2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Hela cell lysate



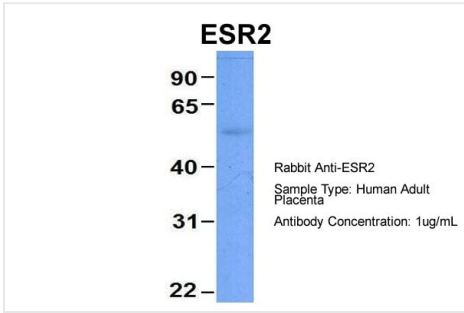
WB (Western Blot)

Host: Rabbit
Target Name: ESR2
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit
Target Name: ESR2
Sample Type: 293T
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit
Target Name: CHAD
Sample Type: Human Adult Placenta
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ESR2 antibody	ESR2 is a member of the family of estrogen receptors and superfamily of nuclear receptor transcription factors. It 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 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.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.
Product Categories/Family for anti-ESR2 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Lymphocyte Signaling ; Transcription Regulation ; Chromatin & Nuclear Signaling ; DNA/RNA/Protein Interactions ; Receptors ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	94538325
NCBI GeneID	2100
NCBI Accession #	NP_001428
NCBI GenBank Nucleotide #	NM_001437
UniProt Accession #	Q92731
Molecular Weight	59kDa

NCBI Official Full Name	estrogen receptor beta isoform 2
NCBI Official Synonym Full Names	estrogen receptor 2
NCBI Official Symbol	ESR2
NCBI Official Synonym Symbols	Erb; ESRB; ODG8; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/esr2-antibody-western-blot-elisa/197311>