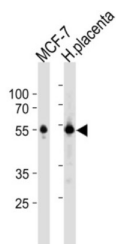


Estrogen Receptor Beta (ESR2) Antibody

Catalogue No.: abx031053



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 heterodimers 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.

Target: Estrogen Receptor Beta (ESR2)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 451-480 amino acids from the C-terminal region of human ESR2.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q92731 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 2.0.0

Revision date: 29 Jun 2025



NCBI Accession: NP_001035365.1, NP_001201831.1, NP_001201832.1, NP_001258805.1, NP_001258806.1, NP_001428.1

Molecular Weight: Calculated MW: 59.2 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Cow and Sheep ESR2.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only