

## ESR2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 59kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human ESR2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

kq

**Synonym:**

Erb; ESRB; ESTRB; NR3A2; ER-BETA; ESR-BETA;

**Catalog #:** A2546

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 2100

**Isotype:** IgG

**Swiss Prot:** Q92731

**Purity:** Affinity purification

For research use only.

**Background:**

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.

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