

ESR2

Reactivity: Human

Tested applications: WB FC

Recommended Dilution: WB 1:500 - 1:1000 FC 1:20 - 1:50

Calculated MW: 59kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human ESR2

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

kq

Synonym:

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

Catalog #: A0658

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2100

Isotype: IgG

Swiss Prot: Q92731

Purity: Affinity purification

For research use only.

Background:

Estrogen receptor-beta (ESR2) is a member of the superfamily of nuclear receptors, which can transduce extracellular signals into transcriptional responses. It binds estrogens with an affinity similar to that of ESR1, and activates expression of reporter genes containing estrogen response elements (ERE) in an estrogen-dependent manner. DNA-binding by ESR1 and ESR2 is rapidly lost at 37 degrees Celsius in the absence of ligand while in the presence of 17 beta-estradiol and 4-hydroxy-tamoxifen loss in DNA-binding at elevated temperature is more gradual

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