

Anti-ERR3 antibody



Description Unconjugated Rabbit polyclonal to ERR3

Model STJ192314

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, WB

Gene ID 2104

Gene Symbol ESRRG

Dilution range WB 1:500-2000 ELISA 1:5000-20000

Specificity ERR3 Polyclonal Antibody detects endogenous levels of protein.

Tissue Specificity Expressed in the heart, kidney, brain, lung, bone marrow, adrenal gland,

trachea, spinal cord and thyroid gland.

Purification ERR3 antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Estrogen-related receptor gamma ERR gamma-2 Estrogen receptor-related

protein 3 Nuclear receptor subfamily 3 group B member 3

Molecular Weight 50 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:3474OMIM:602969

Alternative Names Estrogen-related receptor gamma ERR gamma-2 Estrogen receptor-related

protein 3 Nuclear receptor subfamily 3 group B member 3

Function Orphan receptor that acts as transcription activator in the absence of bound

ligand. Binds specifically to an estrogen response element and activates reporter genes controlled by estrogen response elements . Induces the

expression of PERM1 in the skeletal muscle.

Cellular Localization Nucleus

Post-translational Acetylated by PCAF/KAT2 (in vitro). Sumoylation on Lys-40 is enhanced by

phosphorylation at Ser-45 and represses transcriptional activity.

Phosphorylation on Ser-45 enhances sumoylation on Lys-40 thus repressing

transcriptional activity.

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Modifications

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