

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 Modifications	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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