

ESRRA polyclonal antibody

Catalog: BS90481

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Estrogen related receptor alpha (ERR α) is a nuclear receptor in the superfamily of ligand-regulated transcription factors and is a member of the NR3B orphan nuclear receptor subgroup (consisting of α , β and γ). ERR α plays a role in modulating the estrogen signaling pathway. In addition, the expression of ERR α has been shown to increase during fasting and cold exposure. ERR α may be important for regulating mitochondrial biogenesis and oxidative metabolism by acting directly on genes necessary for mitochondrial function. Mice lacking ERR α are unable to maintain their body temperature in the cold. ERR α may also be involved in the maintenance and formation of cartilage. This information could be useful in finding therapeutic agents for a variety of diseases affecting the joints.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

53 kDa

Swiss-Prot:

P11474(Human) O08580(Mouse) Q5QJV7(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

FC:1:50-1:100

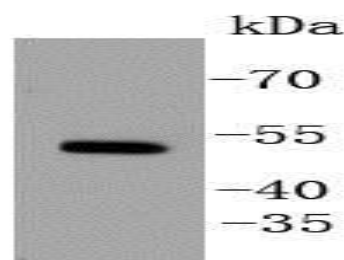
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

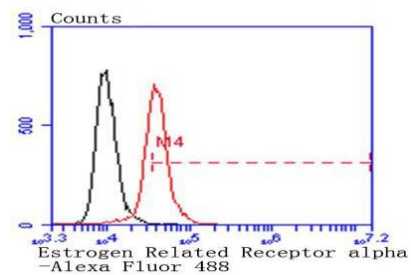
Specificity:

ESRRA polyclonal antibody detects endogenous levels of ESRRA protein.

DATA:



Western blot analysis of Estrogen Related Receptor alpha on MCF-7 cell lysates using anti-Estrogen Related Receptor alpha antibody at 1/1,000 dilution.



Flow cytometric analysis of Hela cells with Estrogen Related Receptor alpha antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Note:

For research use only, not for use in diagnostic procedure.

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