



Rabbit Anti-ESRRA monoclonal antibody, clone TD68-18 (CABT-L689)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|-----------------------|--------------------------------------|
| Target | Estrogen Related Receptor alpha |
| Immunogen | Recombinant protein |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Mouse, Rat |
| Clone | TD68-18 |
| Purification | Protein A purified. |
| Conjugate | Unconjugated |
| Applications | WB, IP, FC |
| Molecular Weight | 53 kDa |
| Cellular Localization | Nucleus. |
| Positive Control | MCF-7. |
| Format | Liquid |
| Size | 100 µl |
| Buffer | 1×TBS (pH7.4), 1% BSA, 40% Glycerol. |
| Preservative | 0.05% Sodium Azide |

Storage

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

BACKGROUND

Introduction

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.

Keywords

Err 1;ERR a;ERR alpha;ERR-alpha;Err1;ERR1 protein;ERR1_HUMAN;ERRa;ERRalpha;ESRL 1;ESRL1;ESRR A;Esrra;Estrogen receptor like 1;Estrogen receptor related 1;estrogen receptor related receptor alpha;Estrogen receptor-like 1;Estrogen related receptor alpha;Estrogen-related receptor alpha;Estrra;hERR1;NR3B1;Nuclear receptor subfamily 3 group B member 1;Steroid hormone receptor ERR1 antibody
