

ER-alpha (N-term) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251251

Unit: 0.1 mg

Description:

The estrogen receptor (ER-alpha) is a nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. ER-alpha can activate the transcriptional activity of TFF1. ER-alpha binds DNA as a homodimer, and can form a heterodimer with ESR2. ER-alpha interacts with FOXC2, MAP1S, SLC30A9, UBE1C and the coactivators NCOA3, NCOA5, NCOA6, and NCOA7. Genetic variations in ER-alpha are correlated with bone mineral density (BMD). Low BMD is a risk factor for osteoporotic fracture.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: Ck, H, M, R

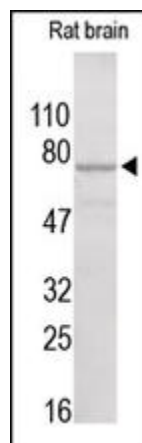
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Estrogen receptor; ER; Estradiol receptor; ER-alpha; Nuclear receptor subfamily 3 group A member 1; ESR1; ESR; NR3A1

Accession No.: P03372

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ER-alpha.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



The ER-alpha (N-term) Antibody (Cat. No. 251251) is used in Western blot to detect ER-alpha in rat brain tissue lysate.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.