



Estrogen Receptor alpha Rabbit pAb

db449 Package: 20μL 50μL 100μL

Product Name: Estrogen Receptor alpha Rabbit pAb

Cat.No.: db449

Synonyms: ER; ESR; Era; ESRA; ESTRR; NR3A1

Application: WB, IHC, ICC/IF, FC, IP, ChIP

Reactivity: Human, Mouse, Rat

Host species: Rabbit

Background This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of

several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative promoter usage and alternative splicing result in dozens of transcript variants, but the full-length nature of many of these variants has not been determined. [provided by RefSeq, Mar 2014]

Immunogen A synthetic peptide of human Estrogen Receptor alpha

Gene ID 2099

Swiss Prot P03372

Synonyms ER; ESR; Era; ESRA; ESTRR; NR3A1

Reactivity Human, Mouse, Rat

Application WB, IHC, ICC/IF, FC, IP, ChIP

Recommended dilution WB: 1:1000

IHC: 1:50 ICC/IF: 1:50 FC: 1:200 IP: 1:20 ChIP: 1:20

Calculated MW 66 kDa

Observed MW 66 kDa

Host species Rabbit



For Research Use Only **Product Datasheet**

Clonality Polyclonal

Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.