

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

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.