



Anti-ESR1 polyclonal antibody (DPABH-12127)

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

PRODUCT INFORMATION

Antigen Description	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. Can activate the transcriptional activity of TFF1.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to amino acids surrounding Ser167 of Human ER (NP_000116.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituents: 49% PBS, 50% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name [ESR1 estrogen receptor 2 \[Homo sapiens \]](#)

Official Symbol	ESR1
Synonyms	ESR1; estrogen receptor 1; ER; ESR; Era; ESRA; ESTRR; NR3A1; estrogen receptor; ER-alpha; estradiol receptor; estrogen nuclear receptor alpha; estrogen receptor alpha E1-E2-1-2; estrogen receptor alpha E1-N2-E2-1-2; nuclear receptor subfamily 3 group A member 1;
Entrez Gene ID	2099
Protein Refseq	NP_000116.2
UniProt ID	G4XH65
Pathway	Endocrine and other factor-regulated calcium reabsorption; Estrogen signaling pathway; Estrogen signaling pathway; FOXM1 transcription factor network
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; beta-catenin binding; chromatin binding