



Anti-ESRRA (aa 231-330) polyclonal antibody (DPAB-DC906)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a nuclear receptor that is closely related to the estrogen receptor. This protein acts as a site-specific transcription regulator and has been also shown to interact with estrogen and the transcription factor TFIIB by direct protein-protein contact. The binding and regulatory activities of this protein have been demonstrated in the regulation of a variety of genes including lactoferrin, osteopontin, medium-chain acyl coenzyme A dehydrogenase (MCAD) and thyroid hormone receptor genes. A processed pseudogene of ESRRA is located on chromosome 13q12.1. Alternatively spliced transcript variants have been found for this gene.
Immunogen	ESRRA (NP_004442, 231 a.a. ~ 330 a.a) partial recombinant protein with GST tag. The sequence is LFDREIVVTISWAKSIPGFSSLSDLQMSVLQSVVMEVLVLGVAQRSLPLQDELAFAEVL VLDEEGARAAGLGEGLGAALLQLVRRQLQALRLEREELYVLLK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ESRRA estrogen-related receptor alpha [Homo sapiens (human)]
Official Symbol	ESRRA
Synonyms	ESRRA; estrogen-related receptor alpha; ERR1; ERRa; ESRL1; NR3B1; ERRAalpha; steroid hormone receptor ERR1; ERR-alpha; estrogen receptor-like 1; estrogen-related nuclear receptor alpha; nuclear receptor subfamily 3 group B member 1;
Entrez Gene ID	2101
Protein Refseq	NP_001269379
UniProt ID	P11474
Chromosome Location	11q13
Pathway	Energy Metabolism; Gene Expression; Metabolism; Mitochondrial Gene Expression
Function	DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; protein binding; protein domain specific binding