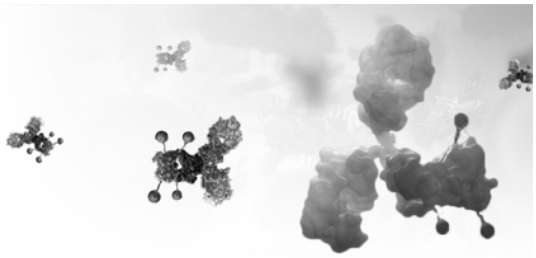

Anti-RORA (aa 424-523) polyclonal antibody (DPAB-DC2719)

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 member of the NR1 subfamily of nuclear hormone receptors. It can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The encoded protein has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, as well as with NM23-1, the product of a tumor metastasis suppressor candidate gene. Also, it has been shown to aid in the transcriptional regulation of some genes involved in circadian rhythm. Four transcript variants encoding different isoforms have been described for this gene.
Immunogen	RORA (NP_599023, 424 a.a. ~ 523 a.a) partial recombinant protein with GST tag. The sequence is SAFVLMSADRSWLQEKVKIEKLQQKIQLALQHVLQKNHREDGILTKLICKVSTLRALCGR HTEKLMAFKAIYPDIVRLHFPPLYKELFTSEFEPAMQIDG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	RORA RAR-related orphan receptor A [Homo sapiens (human)]
Official Symbol	RORA
Synonyms	RORA; RAR-related orphan receptor A; ROR1; ROR2; ROR3; RZRA; NR1F1; RZR-ALPHA; nuclear receptor ROR-alpha; ROR-alpha; nuclear receptor RZR-alpha; transcription factor RZR-alpha; retinoid-related orphan receptor alpha; nuclear receptor subfamily 1 group F member 1; thyroid hormone nuclear receptor alpha variant 4; retinoic acid receptor-related orphan receptor alpha;
Entrez Gene ID	6095
Protein Refseq	NP_002934
UniProt ID	P35398
Chromosome Location	15q22.2
Pathway	Adipogenesis; Circadian Clock; Circadian rhythm; Gene Expression
Function	DNA binding; direct ligand regulated sequence-specific DNA binding transcription factor activity; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; oxysterol binding

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