



Anti-RORC (internal region) polyclonal antibody (DPAB-DC2720)

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 DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that this gene may be essential for lymphoid organogenesis and may play an important regulatory role in thymopoiesis. In addition, studies in mice suggest that the protein encoded by this gene may inhibit the expression of Fas ligand and IL2. Two transcript variants encoding different isoforms have been found for this gene.
Specificity	This antibody is expected to recognize both reported isoforms (NP_005051.2; NP_001001523.1).
Immunogen	A synthetic peptide corresponding to amino acids 200-212 at internal region of human RORC. The sequence is CHLEYSPERGKAE
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	RORC RAR-related orphan receptor C [Homo sapiens (human)]
Official Symbol	RORC
Synonyms	RORC; RAR-related orphan receptor C; TOR; RORG; RZRG; NR1F3; RZR-GAMMA; nuclear receptor ROR-gamma; nuclear receptor RZR-gamma; retinoic acid-binding receptor gamma; retinoid-related orphan receptor gamma; RAR-related orphan receptor C, isoform a; RAR-related orphan nuclear receptor variant 2; nuclear receptor subfamily 1 group F member 3;
Entrez Gene ID	6097
Protein Refseq	NP_001001523
UniProt ID	F1D8P6
Chromosome Location	1q21
Pathway	Circadian rhythm; Gene Expression; Inflammatory bowel disease (IBD); Nuclear Receptor transcription pathway
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
