

**Anti-Human/Mouse RORC Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05788**

---

3th Edition

**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. RORC (RAR Related Orphan Receptor C) is a Protein Coding gene. Diseases associated with RORC include Immunodeficiency 42 and Anus Cancer. Among its related pathways are Circadian rhythm related genes and Innate Immune System. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and steroid hormone receptor activity. An important paralog of this gene is RORA.

**Antigen:**Synthesized peptide derived from the Internal region of human RORC

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Isoform 1 is widely expressed in many tissues, including liver and adipose, and highly expressed in skeletal muscle. Isoform 2 is primarily expressed in immature thymocytes.