# RORC Polyclonal Antibody

**catalog number:** **E-AB-32827**

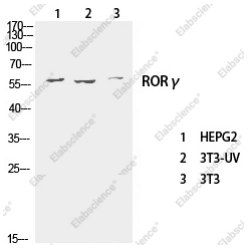
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse |
| **Immunogen** | Synthesized peptide derived from the Internal region of human RORC |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |

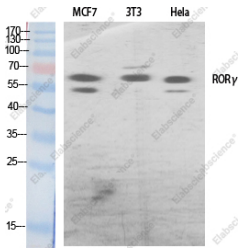
## Data




Western Blot analysis of various cells using RORC Polyclonal Antibody at dilution of 1:1000.

**Observed-MW:58 kDa**

**Calculated-MW:58 kDa**




Western Blot analysis of various cells using RORC Polyclonal Antibody at dilution of 1:500.

**Observed-MW:58 kDa**

**Calculated-MW:58 kDa**

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

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 rythm 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.


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