

## RARG Antibody

Catalog No: #43631

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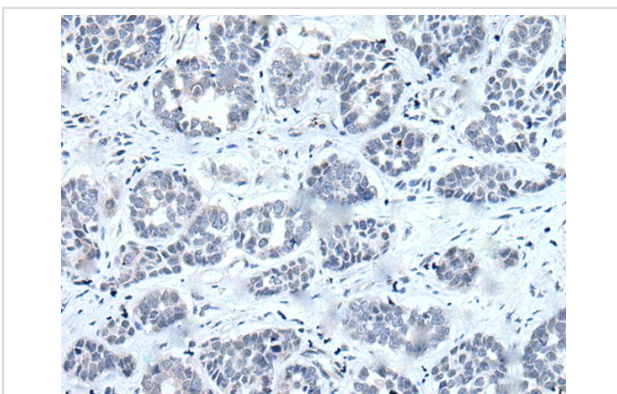
## Description

Product Name	RARG Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RARG protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human RARG
Target Name	RARG
Other Names	RARC; NR1B3
Accession No.	Swiss-Prot#: P13631NCBI Gene ID: 5916
Uniprot	P13631
GeneID	5916;
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1: 100-200

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using RARG Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

This gene encodes a retinoic acid receptor that belongs to the nuclear hormone receptor family. Retinoic acid receptors (RARs) act as ligand-dependent transcriptional regulators. When bound to ligands, RARs activate transcription by binding as heterodimers to the retinoic acid response elements (RARE) found in the promoter regions of the target genes. In their unbound form, RARs repress transcription of their target genes. RARs are involved in various biological processes, including limb bud development, skeletal growth, and matrix homeostasis. Alternatively spliced

transcript variants encoding different isoforms have been found for this gene.

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Note: This product is for in vitro research use only