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Datasheet for ABIN6146702

anti-Retinoic Acid Receptor gamma antibody (AA 195-454)

1 Image

Overview

Quantity:	100 µL
Target:	Retinoic Acid Receptor gamma (RARG)
Binding Specificity:	AA 195-454
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoic Acid Receptor gamma antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 195-454 of human RARG (NP_000957.1).
Sequence:	KAHQETFPSL CQLGKYTTNS SADHRVQLDL GLWDKFSELA TKCIKIVEF AKRLPGFTGL SIADQITLLK AACLDILMLR ICTRYTPEQD TMTFSDGLTL NRTQMHNAGF GPLTDLVFAF AGQLLEMD DTETGLLSAI CLICGDRMDL EEPEKVDKLQ EPLLEALRLY ARRRRPSQPY MFPRLMKIT DLRGISTKGA ERAITLKMEI PGPMPPLIRE MLENPEMFED DSSQPGPHPN ASSEDEVPGG QKGKGLKSPA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

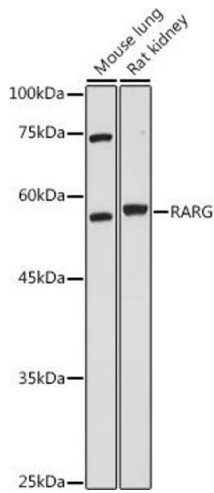
Target:	Retinoic Acid Receptor gamma (RARG)
Alternative Name:	RARG (RARG Products)
Background:	<p>This gene encodes a retinoic acid receptor that belongs to the nuclear hormone receptor family. Retinoic acid receptors (RARs) act as ligand-dependent transcriptional regulators. When bound to ligands, RARs 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.,RARG,NR1B3,RARC,Epigenetics & Nuclear Signaling,Transcription Factors,Nuclear Receptor Signaling,Nuclear hormone receptors,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Wnt/β-Catenin Signaling Pathway,RARG</p>
Molecular Weight:	42 kDa/47 kDa/49 kDa/50 kDa
Gene ID:	5916
UniProt:	P13631
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Cell Size

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using RARG antibody (ABIN6128678, ABIN6146702, ABIN6146703 and ABIN6223327) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.