

Rabbit RARG Polyclonal Antibody | anti-RARG antibody

RARG Antibody

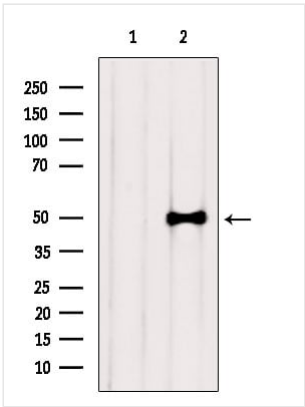
CATALOG # AAA328713	HOST Rabbit	REACTIVITY Human, Mouse, RatPredicted: Pig, Bovine, Horse, Dog	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

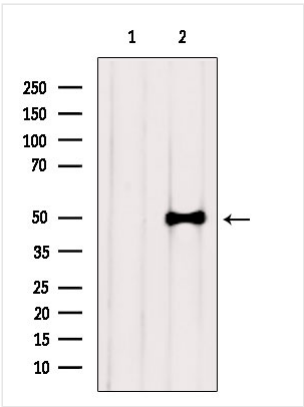
RARG; Polyclonal Antibody; RARG Antibody; NR1B3; Nuclear receptor subfamily 1 group B member 3; RAR gamma; RAR gamma isoform 2; RAR gamma2; RAR-gamma; RARC; Rarg; RARG_HUMAN; retinoic acid nuclear receptor gamma variant 1; retinoic acid nuclear receptor gamma variant 2; Retinoic acid receptor gamma; anti-RARG antibody

PRODUCT SPECIFICATIONS

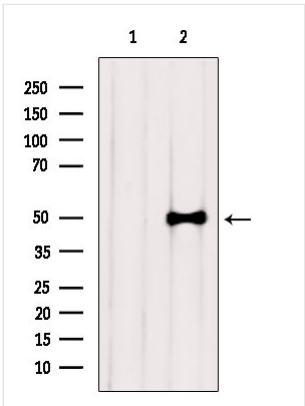
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	RARG Antibody detects endogenous levels of RARG.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	454
Applicable Applications for anti-RARG antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human RARG.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HeLa, using RARG Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from MCF-7 cells, using RARG Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RARG antibody	Description: Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence of ligand, acts mainly as an activator of gene expression due to weak binding to corepressors. Required for limb bud development. In concert with RARA or RARB, required for skeletal growth, matrix homeostasis and growth plate function (By similarity).
	Subunit Structure: Homodimer. Heterodimer with a RXR molecule. Binds DNA preferentially as a RAR/RXR heterodimer. Forms a complex with PUS1 and the SRA1 RNA in the nucleus.
	Similarity: Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain. Belongs to the nuclear hormone receptor family. NR1 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506423
NCBI GeneID	5916
NCBI Accession #	NP_000957.1

NCBI GenBank Nucleotide #	NP_000957.1
UniProt Accession #	P13631
Molecular Weight	Observed: 50 kDa Predicted: 51 kDa
NCBI Official Full Name	retinoic acid receptor gamma isoform 1
NCBI Official Synonym Full Names	retinoic acid receptor gamma
NCBI Official Symbol	RARG
NCBI Official Synonym Symbols	RARC; NR1B3
NCBI Protein Information	retinoic acid receptor gamma
UniProt Protein Name	Retinoic acid receptor gamma
UniProt Gene Name	RARG
UniProt Synonym Gene Names	NR1B3; RAR-gamma
UniProt Entry Name	RARG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rarg-antibody-western-blot-elisa/328713>