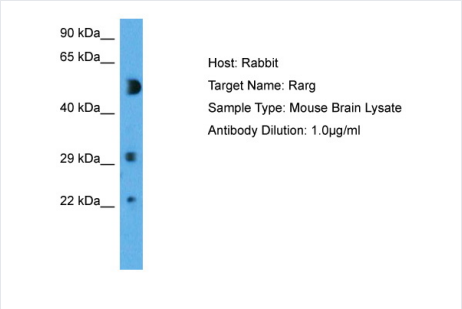
RARG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RARG, Polyclonal Antibody
Full Product Name	RARG Antibody-middle region
Product Gene Name	anti-RARG antibody
Product Synonym Names	retinoic acid receptor gamma; RARD; Nr1b3; RAR-gamma; RARgamma2
Immunogen Sequence	AVRNDRNKKK KEVKEEGSPD SYELSPQLEE LITKVSKAHQ ETFPSLCQLG
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Concentration	Batch dependent within range: 100ul at 0.5-1mg/ml (lot specific)
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	RARG peptide (MBS3249444) is used for blocking the activity of RARG antibody (MBS3249770)
Molecular Weight	50kDa
3D Structure	ModBase 3D Structure for P18911
Protein Size	458 amino acids
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of mouse RARG
Applications Tested/Suitable for anti-RARG antibody	Western Blot (WB)
Related Product Information for anti-RARG antibody	Description of Target: 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 (By similarity). Required for limb bud development. In concert with RARA or RARB, required for skeletal growth, matrix homeostasis and growth plate function.
Other Notes	Small volumes of anti-RARG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RARG purchase	MBS3249770 is an antibody targeting RARG. Also known as RARG Antibody-middle region. Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-RARG antibody
Host: RabbitTarget Name: RARGSample Tissue: Mouse Brain lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RARG. It may not necessarily be applicable to this product.

NCBI GeneID	19411
NCBI Accession #	NM_001042727.2
UniProt Primary Accession #	P18911
UniProt Related Accession #	NP_001036192.1
UniProt Protein Name	Retinoic acid receptor gamma
UniProt Synonym Protein Names	Nuclear receptor subfamily 1 group B member 3
Protein Family	Retinoic acid receptor
UniProt Gene Name	Rarg
UniProt Synonym Gene Names	Nr1b3; RAR-gamma
UniProt Entry Name	RARG_MOUSE
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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