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RARG antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10671

Product Information

Application	WB
Primary Accession	P13631
Other Accession	NM_000966, NP_000957
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50342

Additional Information

Gene ID	5916
Alias Symbol	NR1B3, RARC
Other Names	Retinoic acid receptor gamma, RAR-gamma, Nuclear receptor subfamily 1 group B member 3, RARG, NR1B3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-RARG antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RARG antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

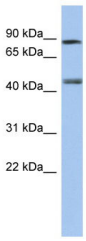
Name	RARG
Synonyms	NR1B3
Function	Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the 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).
Cellular Location	Nucleus. Cytoplasm
Tissue Location	Expressed in aortic endothelial cells (at protein level).

References

Dey,N., (2007) Mol. Cell. Biol. 27 (11), 4179-4197 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-RARG Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.