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Retinoic Acid Receptor gamma Antibody

Rabbit mAb
Catalog # AP91805

Product Information

Application	WB, IF, ICC
Primary Accession	P13631
Reactivity	Rat, Human
Clonality	Monoclonal
Other Names	NR1B3; RAR gamma; RARC; Rarg;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	50342

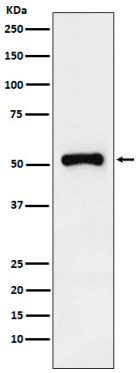
Additional Information

Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen Description	A synthesized peptide derived from human Retinoic Acid Receptor gamma 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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).

Images



Western blot analysis of Retinoic Acid Receptor gamma expression in HeLa cell lysate.

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