

Datasheet for ABIN5010154

anti-Retinoid X Receptor gamma antibody (AA 151-250) (AbBy Fluor® 680)



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Overview

Quantity:	100 µL
Target:	Retinoid X Receptor gamma (RXRG)
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoid X Receptor gamma antibody is conjugated to AbBy Fluor® 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RXR Alpha gamma
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Retinoid X Receptor gamma (RXRG)
Alternative Name:	RXR gamma (RXRG Products)
Background:	Synonyms: Retinoic acid receptor RXR gamma, MGC109416, NR2B3, Nuclear receptor

Target Details

subfamily 2 group B member 3, OTTHUMP00000060418, Retanoic X receptor gamma, Retinoic acid receptor RXR gamma, Retinoid X receptor gamma, RXR G, RXR gamma, RXRC, RXRG, RXRgamma, RXRG_HUMAN.

Background: Retinoids are metabolites of vitamin A (retinal) and are believed to represent important signaling molecules during vertebrate development and tissue differentiation. Two families of retinoid receptors have been identified. Retinoic acid receptors (RARs) include RAR alpha, RAR beta and RAR gamma, each of which has a high affinity for all trans retinoic acids and belongs to the same class of nuclear transcription factors as thyroid hormone receptors, vitamin D3 receptor and ecdysone receptor. The ligand binding domains of the RARs are highly conserved and RAR isoforms are expressed in distinct patterns through out development and in the mature organism. Members of the retinoid X receptor (RXR) family, RXR alpha, RXR beta and RXR gamma, are activated by 9 cis retinoic acid, a stereo and photoisomer of all trans RA that is expressed in vivo in both liver and kidney and may represent a widely used hormone.

Gene ID: 6258

Pathways: [Nuclear Receptor Transcription Pathway](#), [Retinoic Acid Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months