

Rabbit anti-Human RXRG Polyclonal Antibody | anti-RXRG antibody

Anti-RXRG Antibody, Rabbit Polyclonal

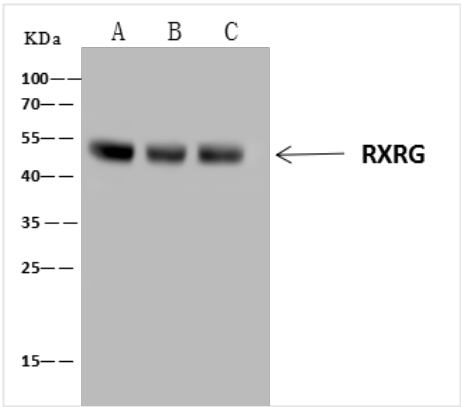
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258749	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

RXRG; Polyclonal Antibody; Anti-RXRG Antibody; Rabbit Polyclonal; Anti-NR2B3 Antibody; Anti-RXRC Antibody; anti-RXRG antibody

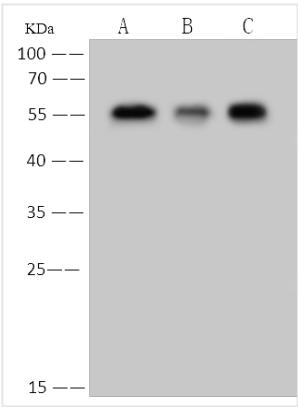
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RXRG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-RXRG antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human RXRG
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human RXRG, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

RXRG was immunoprecipitated using: Lane A: 0.5 mg NIH3T3 Whole Cell Lysate Lane B: 0.5 mg Mouse Brain Whole Cell Lysate Lane C: 0.5 mg Mouse Liver Whole Cell Lysate 4 uL anti-RXRG rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-RXRG rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 51 kDa Observed band size :51 kDa



WB (Western Blot)

Anti-RXRG rabbit polyclonal antibody at 1:500 dilution Lane A: NIH-3T3 whole cell lysate Lane B: Mouse brain tissue lysate Lane C: Mouse liver tissue lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 51 kDa Observed band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RXRG antibody	Retinoid X Receptor Gamma (RXRG) is a nuclear factor member of retinoid X receptor (RXR) superfamily which are involved in mediating the antiproliferative effects of retinoic acid (RA). RXRG plays important roles in lipid homeostasis and tumour suppression. Variation in the RXRG gene may contribute to the genetic dyslipidemia in familial combined hyperlipidemia (FCHL). In ER-positive tumours, high expression of RXRG are associated with better patient outcome regardless of adjuvant systemic therapy. RXRG provides as a prognostic biomarker in breast cancer particularly the ER-positive tumours.
References	Sentinelli F, et al. (2013) Association of rxr-gamma gene variants with familial combined hyperlipidemia: Genotype and haplotype analysis. J Lipids 2013 517943. Joseph C, et al. (2019) Retinoid x receptor gamma (rxrg) is an independent prognostic biomarker in er-positive invasive breast cancer. Br J Cancer 121 (9): 776-785. Cheng S, et al. (2018) Rxrg associated in ppar signal regulated the differentiation of primordial germ cell. J Cell Biochem 119 (8): 6926-6934.

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.