Anti-RXRG (aa 1-75) polyclonal antibody (DPAB-DC2765)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternatively spliced transcript variants have been described.
Immunogen	RXRG (NP_008848, 1 a.a. ~ 75 a.a) partial recombinant protein with GST tag. The sequence is MYGNYSHFMKFPAGYGGSPGHTGSTSMSPSAALSTGKPMDSHPSYTDTPVSAPRTLSAVG TPLNALGSPYRVITS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	[RXRG retinoid X receptor, gamma [Homo sapiens (human)]](#)
Official Symbol	RXRG
Synonyms	RXRG; retinoid X receptor, gamma; RXRC; NR2B3; retinoic acid receptor RXR-gamma; nuclear receptor subfamily 2 group B member 3;
Entrez Gene ID	[6258](#)
Protein Refseq	[NP_001243499](#)
UniProt ID	[A0A087WZ88](#)
Chromosome Location	1q22-q23
Pathway	Adipocytokine signaling pathway; Adipogenesis; Generic Transcription Pathway; Non-small cell lung cancer
Function	9-cis retinoic acid receptor activity; protein binding; sequence-specific DNA binding; steroid hormone receptor activity