

RXRB Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9770C**Specification**

RXRB Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P28702
Other Accession	P49743 , P28704 , Q05343 , P28700 , P19793
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	56922
Antigen Region	256-284

RXRB Antibody (Center) - Additional Information**Gene ID** 6257**Other Names**

Retinoic acid receptor RXR-beta, Nuclear receptor subfamily 2 group B member 2, Retinoid X receptor beta, RXRB, NR2B2

Target/Specificity

This RXRB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 256-284 amino acids from the Central region of human RXRB.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RXRB Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RXRB Antibody (Center) - Protein Information**Name** RXRB

Synonyms NR2B2

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).

Cellular Location

Nucleus. Cytoplasm

Tissue Location

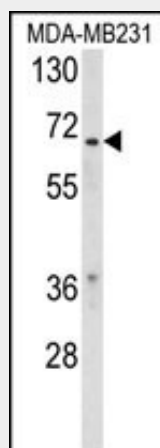
Expressed in aortic endothelial cells (at protein level) (PubMed:28167758). Expressed in monocytes (PubMed:26463675) Expressed in a variety of tumor cell lines

RXRB Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RXRB Antibody (Center) - Images



Western blot analysis of RXRB Antibody (Center) (Cat. #AP9770c) in MDA-MB231 cell line lysates (35ug/lane). RXRB (arrow) was detected using the purified Pab.

RXRB Antibody (Center) - Background

This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid (RA). This receptor forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. The gene lies within the major histocompatibility complex (MHC) class II region on chromosome 6.

RXRB Antibody (Center) - References

- Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010)
Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009)
Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009)
Kalsch, A.I., et al. Autoimmunity 42(5):467-474(2009)
Andreotti, G., et al. Eur. J. Epidemiol. 24(12):763-774(2009)