

RXR beta Rabbit pAb

Catalog # AP98417

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P28702
Other Accession	P28702
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56922
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RXR beta
Epitope Specificity	201-300/533
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1 nuclear receptor DNA-binding domain.
SUBUNIT	Homodimer. Heterodimer with a RAR molecule. Binds DNA preferentially as a RAR/RXR heterodimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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). The encoded protein forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene lies within the major histocompatibility complex (MHC) class II region on chromosome 6. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012].

Additional Information

Gene ID	6257
Other Names	DAUDI6; H-2RIIBP; NR2B2; RCoR-1; RXR-beta; RXRbeta; Rub; RXRB_HUMAN; RXRB; Nuclear receptor subfamily 2 group B member 2; Retinoid X receptor beta; RXRB_MOUSE; MHC class I regulatory element-binding protein H-2RIIBP; retinoid X receptor, beta
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

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