

Rabbit Retinoid X Receptor beta Polyclonal Antibody | anti-RXRB antibody

Retinoid X Receptor beta Antibody

CATALOG # AAA328907	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA
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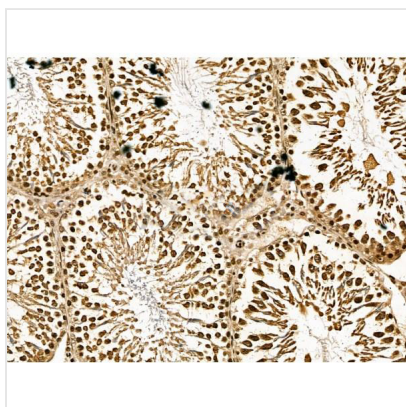
PRODUCT SYNONYMS

Retinoid X Receptor beta; Polyclonal Antibody; Retinoid X Receptor beta Antibody; DAUD I6; DAUDI6; H 2RIIBP; H2RIIBP; MGC1831; MHC class I promoter binding protein; NR2B2; nuclear receptor subfamily 2 group B member 2; RCoR 1; RCoR1; Retinoic acid receptor RXR beta; RXR beta; RXRB; RXRbeta; anti-RXRB antibody

PRODUCT SPECIFICATIONS

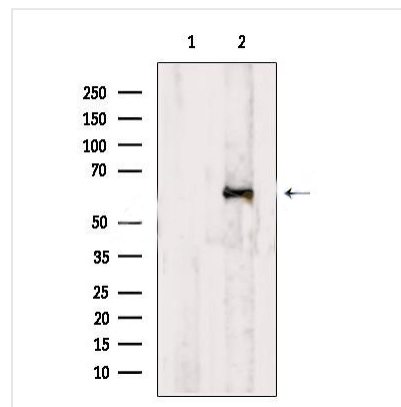
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Retinoid X Receptor beta Antibody detects endogenous levels of total Retinoid X Receptor beta.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	533
Applicable Applications for anti-RXRB antibody	ELISA
Immunogen	A synthesized peptide derived from human Retinoid X Receptor beta, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA328907 at 1/100 staining Rat testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using Retinoid X Receptor beta Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-RXRB antibody	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). Subcellular Location: Nucleus. Cytoplasm. Tissue Specificity: Expressed in aortic endothelial cells (at protein level) (PubMed:28167758). Expressed in monocytes (PubMed:26463675). Expressed in a variety of tumor cell lines. Subunit Structure: Homodimer (in vitro) (PubMed:11782480). Heterodimer with other retinoic acid receptor family members. Binds DNA preferentially as a RAR/RXR heterodimer (PubMed:1310259). Interacts with NR1H3 (PubMed:12970175). Interacts with AKAP13 (By similarity). Similarity: Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.Belongs to the nuclear hormone receptor family. NR2 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11415052
NCBI GeneID	6257
NCBI Accession #	NP_068811.1
NCBI GenBank Nucleotide #	NP_068811.1
UniProt Accession #	P28702
Molecular Weight	56kDa.
NCBI Official Full Name	retinoic acid receptor RXR-beta isoform 2
NCBI Official Synonym Full Names	retinoid X receptor beta
NCBI Official Symbol	RXRB
NCBI Official Synonym Symbols	NR2B2; DAUDI6; RCoR-1; H-2RIIBP
NCBI Protein Information	retinoic acid receptor RXR-beta
UniProt Protein Name	Retinoic acid receptor RXR-beta
UniProt Gene Name	RXRB
UniProt Synonym Gene Names	NR2B2
UniProt Entry Name	RXRB_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/retinoid-x-receptor-beta-antibody-elisa/328907>