

RARB Polyclonal Antibody

Catalog Number PA5-33016

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Horse, Human, Pig
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic 13 amino acid peptide from C-terminus of human RARB.	ELISA (ELISA)	Assay-dependent
Conjugate	Unconjugated	Immunohistochemistry (Paraffin) (IHC (P))	10 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Bat, Horse, Pig, Opossum (100%); Dog, Turkey, Chicken (92%); Mouse, Panda (85%). For IHC(P), use heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

Background/Target Information

Retinoic Acid (RA; active metabolite of vitamin A) plays a prominent role in regulating the transition of proliferating precursor cells (such as carcinoma cells and neuronal precursors) to postmitotic differentiated cells. The Retinoid X Receptors (RXRs) family (RXR alpha, beta, and gamma), preferentially bind 9-cis -RA and regulate gene transcription by forming heterodimers with a second family of RA receptors. RAs have been suggested to potentially play a therapeutic role in cervical cancer. RAs are known to play key roles in neuronal development and an increasing body of evidence indicates that retinoid signaling may regulate synaptic plasticity and associated learning and memory behaviors.

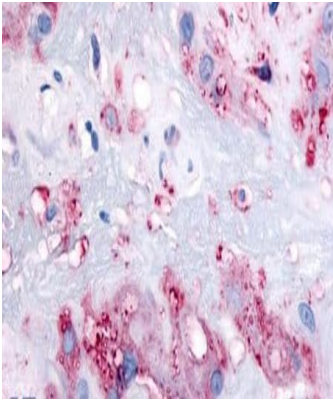
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Product Images For RARB Polyclonal Antibody



**RARB Antibody (PA5-33016) in IHC (P)**  
Immunohistochemical analysis of formalin-fixed paraffin-embedded human intermediate trophoblasts using a RARB polyclonal antibody (Product # PA5-33016). Heat-induced antigen retrieval was performed prior to staining.

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