e at -20C	RXRα Antibody		Cell Signaling
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com
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538		Web:	info@cellsignal.com cellsignal.com
#		3 Trask Lane Danver	s Massachusetts 01923 USA

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB, IP	Reactivity: H R Mk	Sensitivity: Endogenous	MW (kDa): 53	Source: Rabbit	UniProt ID: #P19793	Entrez-Gene Id: 6256		
Product Usage Information	Ap We Imi	plication estern Blotting munoprecipitation			Dilution 1:1000 1:100			
Storage	Sup 20°0	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity / Sensi	tivity RXF with	/ity RXRα Antibody recognizes endogenous levels of total RXRα protein. RXRα Antibody does not cross-react with either RXRβ or RXRγ.						
Source / Purificati	on Poly resi affir	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human RXRα protein. Antibodies are purified by protein A and peptide affinity chromatography.						
Background Background Refe	The and nucl binc thyr rece horr path Retit kidr emb to re tran of R rences 1. G 2. M 3. M 4. D 5. K 6. S 7. M	human retinoid X re bind selectively and lear hormone recept ding. Nuclear RXRs oid hormone recept eptors, liver X recept mone receptors, the hways by binding to inoid X receptor α (F hey, epidermis, intes oryonic lethality tenta etinoid signaling <i>in v</i> islationally regulated RXR α directly abroga fronemeyer, H. et al. fangelsdorf, D.J. et al. factoritto, M. et al. (199	eceptors (RXRs) ar d with high affinity to tors that are largely form heterodimers or, retinoic acid rec- tors, and farnesoid y play a central role <i>cis</i> -acting response (XRα) is the foundi tine and a variety o atively due to myoc <i>tivo</i> (5,6). Biochemi d through the Ras-F ates the ability of R2 . (2004) <i>Nat Rev Di</i> al. (1992) <i>Genes D</i> al. (1990) <i>Nature</i> 3- <i>Mech Dev</i> 45, 91-1 (4) <i>Cell</i> 78, 987-100 (994) <i>Genes Dev</i> 8, 008) <i>J Biol Chem</i> 2	e encoded by three o the vitamin A deriv localized to the nuc with nuclear hormon eptors, vitamin D re X receptor (1). Sinc e in transcriptional c e elements in the pri- ng RXR family mem f tissues (2-4). Knot ardial hypoplasia, w cal evidence sugge: Raf-MAPK signaling KRα to associate wi <i>rug Discov</i> 3, 950-6 <i>ev</i> 6, 329-44. 45, 224-9. 104. 33. 1007-18. 283, 4943-56.	distinct genes (<i>RXR</i> α, <i>F</i> , rative, 9- <i>cis</i> -retinoic acid clear compartment indep ne receptor subfamily 1 μ ceptor, peroxisome proli e RXRs heterodimerize ontrol of numerous horm omoter/enhancer region iber and is predominant ckout of the murine <i>rxrα</i> which demonstrates the in sts that RXRα transcripti cascade. MAPK-depend th nuclear receptor coac 4.	2XRβ, and <i>RXR</i> γ) . RXRs are type-II bendent of ligand proteins, including ferator-activated with multiple nuclear nonal signaling of target genes (2). y expressed in liver, gene results in mportance of RXRα onal activity is post- dent phosphorylation tivators (7).		
Species Reactivity	y Spec	cies reactivity is dete	ermined by testing i	n at least one appro	ved application (e.g., we	estern blot).		
Western Blot Buff	er IMPC 0.1%	DRTANT: For wester 5 Tween® 20 at 4°C	rn blots, incubate m with gentle shaking	embrane with dilute 9, overnight.	ed primary antibody in 59	% w/v BSA, 1X TBS,		
Applications Key	WB	: Western Blotting IF	•: Immunoprecipita	tion				
Cross-Reactivity F	Key H: hu X: X0 GP:	uman M: mouse R: enopus Z: zebrafish Guinea Pig Rab: ral	rat Hm: hamster M B: bovine Dg: dog bbit All: all species	k: monkey Vir: virus Pg: pig Sc: S. cere expected	s Mi: mink C: chicken D i evisiae Ce: C. elegans H	n: D. melanogaster r: horse		
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RXRα Antibody (#5388) Datasheet Without Images Cell Signaling Technology

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