Revision 1

Store at -20C

#5629

RXRγ Antibody



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Applications: W, IP	Reactivity: H M	Sensitivity: Endogenous	MW (kDa): 55	Source/Isotype: Rabbit	UniProt ID: #P48443	Entrez-Gene Id: 6258
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50	
Storage		Supplied in 10 mM sodi 20°C. Do not aliquot the), 150 mM NaCl, 100 μg/	/ml BSA and 50% gl	/cerol. Store at –
Specificity/Sens	sitivity	RXRγ Antibody recognizes endogenous levels of total RXRγ protein. This antibody does not cross-react with either RXRα or RXRβ.				
Species predict based on 100% homology		Rat, Monkey, Bovine, Do	og			
Source / Purific	ation	Polyclonal antibodies an residues near the aming peptide affinity chroma	o terminus of hum			
Background		The human retinoid X re bind selectively and with nuclear hormone recep ligand binding. Nuclear including thyroid hormo proliferator-activated re heterodimerize with mu control of numerous ho promoter/enhancer reg RXRy expression, unlike thyroid gland, and thyro pivitol role in the transc directly associated with the transcriptional cont promoter (11-13).	h high affinity to t tors that are large RXRs form heterco one receptor, retin ceptors, liver X re ultiple nuclear hor monal signaling ion of target gene that of RXRα and otrope cells of the riptional control of the promoter reg	he vitamin A derivative, ely localized to the nucle dimers with nuclear hou oic acid receptors, vitan ceptors, and farnesoid > mone receptors, they pl pathways by binding to es (2). RXRβ, is restricted large anterior pititary gland (f skeletal muscle differe ions of <i>MyoD</i> and <i>myog</i>	9- <i>cis</i> -retinoic acid. F ar compartment inc rmone receptor sub nin D receptor, pero K receptor (1). Since ay a central role in f <i>cis</i> -acting response ely to cardiac muscle 3-6). It is posited the entiation as RXRy ha genin (7-10). RXRy is	RXRs are type-II dependent of ofamily 1 proteins, xisome RXRs transcriptional elements in the e, skeletal muscle, at RXRy plays a is been found to be also involved in
Background Re	ferences	1. Gronemeyer, H. et al. 2. Mangelsdorf, D.J. et a 3. Krezel, W. et al. (1996 4. Dollé, P. et al. (1994) / 5. Sugawara, A. et al. (19 6. Liu, Q. and Linney, E. 7. Georgiades, P. and Br 8. Downes, M. et al. (19 9. Muscat, G.E. et al. (19 10. Downes, M. et al. (19 11. Haugen, B.R. et al. (19 12. Brown, N.S. et al. (20 13. Sharma, V. et al. (20	I. (1992) Genes De) Proc Natl Acad S Mech Dev 45, 91-1 995) Endocrinolog (1993) Mol Endocri rickell, P.M. (1997) 94) Endocrinology 94) Nucleic Acids 993) Cell Growth D 1997) Mol Endocri 000) J Clin Invest 1	ev 6, 329-44. ci USA 93, 9010-4. 04. rinol 7, 651-8. Dev Dyn 210, 227-35. 134, 2658-61. Res 22, 583-91. Differ 4, 901-9. nol 11, 481-9. 06, 73-9.		
Species Reactiv	ity	Species reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g.,	western blot).
Western Blot B	uffer	IMPORTANT: For wester			primary antibody ir	ו 5% w/v BSA, 1X

fer IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key	W: Western Blotting IP: Immunoprecipitation		
Cross-Reactivity Key	H: Human M: Mouse		
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