

#8633 Store at -20C

## NRBF-2 (D8G1) Rabbit mAb



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3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
WB, IP	H M R Mk	Endogenous	40	Rabbit IgG	#Q96F24	29982

<b>Product Usage Information</b>	<b>Application</b> Western Blotting Immunoprecipitation	<b>Dilution</b> 1:1000 1:100
<b>Storage</b>	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.	
<b>Specificity / Sensitivity</b>	NRBF-2 (D8G1) Rabbit mAb recognizes endogenous levels of total NRBF-2 protein. Based upon sequence alignment, this antibody is predicted to cross-react with NRBF-1/COPR1.	
<b>Species predicted to react based on 100% sequence homology:</b>	Hamster, Bovine, Dog, Horse	
<b>Source / Purification</b>	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human NRBF-2 protein.	
<b>Background</b>	Nuclear Receptor Binding Factor-2 (NRBF-2), also referred to as Comodulator of PPAR and RXRα-2 (COPR-2), has been shown to interact with the AF-2 region of several nuclear hormone receptors with varying affinities such as PPARα, RARα, RARγ, and RXRα (1,2). NRBF-2 contains a LLYLL motif, which matches the LXXLL NR box consensus and is required for functional NRBF-2/nuclear receptor complex formation and repression of receptor function. NRBF-2 also contains a unique autonomous activation domain and, thus, does not completely abrogate nuclear receptor function, suggesting that NRBF-2 might serve as a molecular rheostat to fine-tune the transcriptional activity of liganded nuclear receptors (1,2).	
<b>Background References</b>	1. Yasumo, H. et al. (2000) <i>Biochim Biophys Acta</i> 1490, 189-97. 2. Flores, A.M. et al. (2004) <i>J Invest Dermatol</i> 123, 1092-101.	

<b>Species Reactivity</b>	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
<b>Western Blot Buffer</b>	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.
<b>Applications Key</b>	<b>WB:</b> Western Blotting <b>IP:</b> Immunoprecipitation
<b>Cross-Reactivity Key</b>	<b>H:</b> human <b>M:</b> mouse <b>R:</b> rat <b>Hm:</b> hamster <b>Mk:</b> monkey <b>Vir:</b> virus <b>Mi:</b> mink <b>C:</b> chicken <b>Dm:</b> D. melanogaster <b>X:</b> Xenopus <b>Z:</b> zebrafish <b>B:</b> bovine <b>Dg:</b> dog <b>Pg:</b> pig <b>Sc:</b> S. cerevisiae <b>Ce:</b> C. elegans <b>Hr:</b> horse <b>GP:</b> Guinea Pig <b>Rab:</b> rabbit <b>All:</b> all species expected
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