

Store at -20C  
#8066**NRBF-2 Antibody**

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

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

**Product Usage Information****Application**

Western Blotting  
Immunoprecipitation

**Dilution**

1:1000  
1:50

**Storage**

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/Sensitivity**

NRBF-2 Antibody recognizes endogenous levels of total NRBF-2 protein. This antibody may cross-react with NRBF-1/COPR-1.

**Source / Purification**

Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Leu145 of human NRBF-2 protein. Antibodies are purified by protein A and peptide affinity chromatography.

**Background**

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).

**Background References**

- Yasumo, H. et al. (2000) *Biochim Biophys Acta* 1490, 189-97.
- Flores, A.M. et al. (2004) *J Invest Dermatol* 123, 1092-101.

**Species Reactivity**

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

**Western Blot Buffer**

**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 **R:** Rat **Mk:** Monkey

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