

PRODUCT NAME		
RORβ polyclonal antibody		
Other names: RORB, RZRbeta, RZRB, NR1F2		
Cat. No. pAb-001-100	Type: Polyclonal	Size: 100 µl
Lot #: HS-0010	Source: Rabbit	Concentration: Not determined

Description: Polyclonal antibody in rabbit against RORβ (RAR-related orphan receptor beta), using amino acids 111-459 of the human protein.

Specificity: Human and mouse: positive
Other species: not tested

Applications	Suggested dilution	References
Western blotting	1:1,000-1:4,000	Fig 1, 2
Gel Supershift	0.5 µl	
Immunofluorescence	1:100 - 1:500	Ref 1

Purity: Polyclonal antibody in PBS containing 0.05 % azide, purified by dialysis of the polyclonal antiserum.

Storage: Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.

Precautions: This product is for research use only. Not for use in diagnostic or therapeutic procedures.

This antibody has been described in:

- (1) Hevner RF, Daza RA, Rubenstein JLR, Stunnenberg H, Olavarria J F and Englund C (2003) Beyond laminar fate: toward a molecular classification of cortical projection/pyramidal neurons Dev Neurosci. 25:139-151.
- (2) Gawlas K and Stunnenberg HG (2001) Differential transcription of the orphan receptor RORβ in nuclear extracts derived from Neuro2A and HeLa cells Nucleic Acids Res. 29: 3424-3432.

Last data sheet update: February 22, 2010

Target description

RORβ ([UniProt/Swiss-Prot entry Q92753] is a member of the NR1 subfamily of nuclear hormone receptors. It is able to bind as a monomer or as a homodimer to hormone response elements in the promoters of several genes. RORβ is known to be important for development and functioning of the central nervous system and of rod and cone photoreceptor cells.

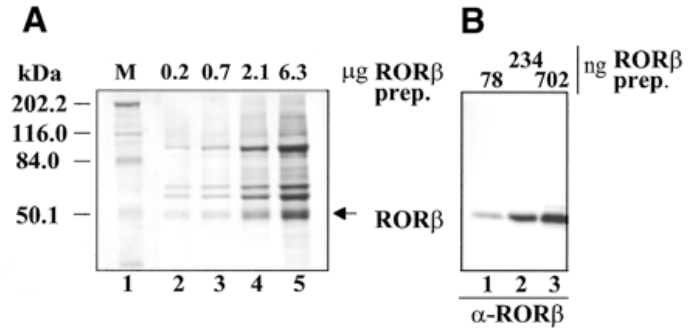


Figure 1

Western blot analysis using the Diagenode antibody directed against RORβ

An Ni²⁺-NTA purified His₆-RORβ preparation (indicated amounts) was analysed by Western blot using the Diagenode antibody against RORβ (Cat. No. pAb-001-100), diluted 1:4,000 [right panel]. On the left a protein gel stained with Coomassie brilliant blue R-250 is shown. The molecular weight marker is shown on the left; the position of the tagged protein is indicated with an arrow.

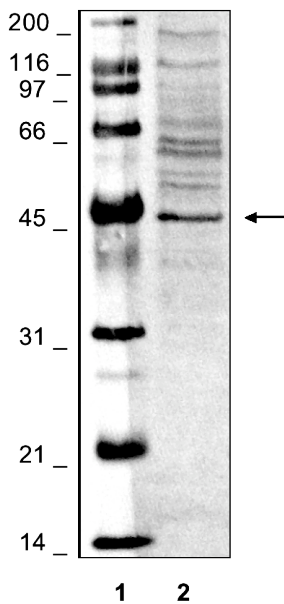


Figure 2

Western blot analysis using the Diagenode antibody directed against RORβ

Western blot was performed on nuclear extracts from mouse N2A cells (15 μg) using the Diagenode antibody against RORβ (Cat. No.: pAb-001-100), diluted 1:1,000. The molecular weight marker is shown on the left, the position of the protein of interest is shown on the right.