

Datasheet for ABIN361387

anti-Retinoid X Receptor beta antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Retinoid X Receptor beta (RXRB)
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Retinoid X Receptor beta antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acid residues from the hinge region conjugated to KLH
Clone:	147
Isotype:	IgG1
Specificity:	Specific for the ~48k RXR-(protein.
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Purification:	Protein G purified culture supernatant

Target Details

Target:	Retinoid X Receptor beta (RXRB)
Alternative Name:	RXRB (RXRB Products)

Target Details

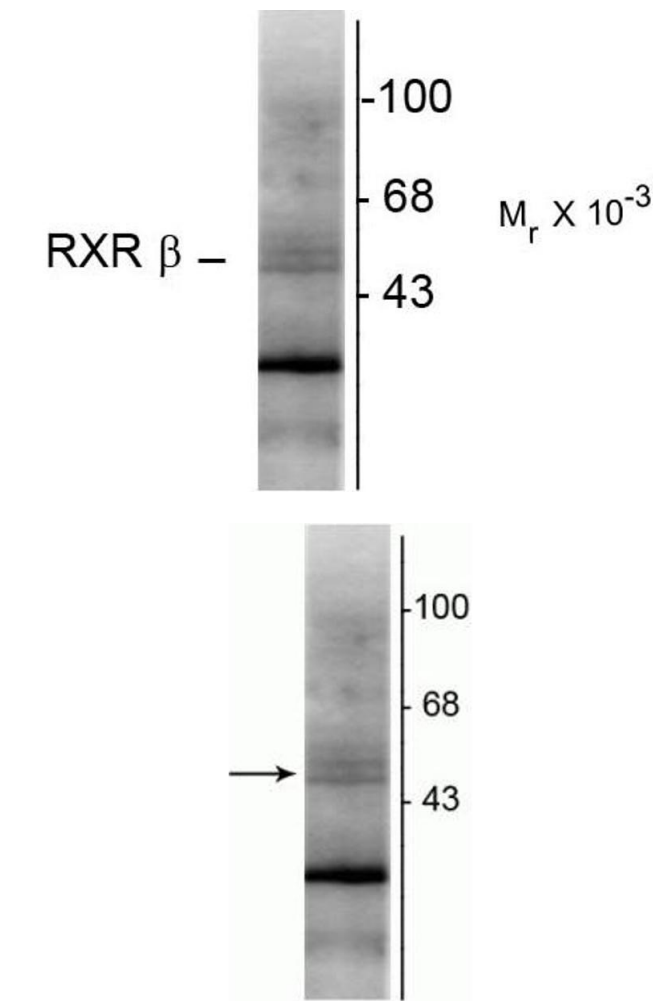
Background:	Retinoic acid (RA, active metabolite of vitamin A) plays a prominent role in regulating the transition of proliferating precursor cells (such as carcinoma cells and neuronal precursors) to postmitotic differentiated cells (Joshi et al., 2005). The retinoid X receptors (RXRs) family (RXRa, β and γ), preferentially bind 9-cis-RA and regulate gene transcription by forming heterodimers with a second family of RA receptors. RAs have been suggested to potentially play a therapeutic role in cervical cancer (Abu et al., 2005). RAs are known to play key roles in neuronal development and an increasing body of evidence indicates that retinoid signaling may regulate synaptic plasticity and associated learning and memory behaviors (Lane and Bailey, 2005). Anti-Human Retinoid X Receptor Antibody, (-Isotype Western blot of hippocampal lysate showing specific immunolabeling of the ~48k RXR- β protein.
Molecular Weight:	~48 kDa
Gene ID:	6257
UniProt:	P28702
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	Recommended Dilution: WB: 1:1000 Quality Control: Western blots performed on each lot.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 μ L in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50 % glycerol.
Storage:	-20 °C



Western Blotting

Image 1. Western blots of hippocampal lysate showing specific immunolabeling of the ~48k RXR- β protein.

Western Blotting

Image 2. Western blot of rat hippocampal lysate showing specific immunolabeling of the ~48 kDa RXR- β protein.