

Datasheet for ABIN371838

anti-Retinoic Acid Receptor beta antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mL
Target:	Retinoic Acid Receptor beta (RARβ)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Retinoic Acid Receptor beta antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Peptide corresponding to amino acids from N-terminal region of human retinoic acidreceptor, beta-isotype. Remarks: The antigen is identical in both beta-1 and beta-2 isoforms.
Clone:	336
Isotype:	IgG1
Specificity:	This antibody is specific for the ~48k RAR-beta isotype.
Cross-Reactivity (Details):	Species reactivity (expected):Canine (Dog), Guinea Pig, Mouse and Rat. Species reactivity (tested):Human.
Characteristics:	Synonyms: RAR-epsilon, HAP, NR1B2, Retinoic acid receptor beta, HBV-activated protein, Nuclearreceptor subfamily 1 group B member 2
Purification:	Prepared from Mouse Ascites by Ammonium Sulfate Precipitation followed by Affinity

Product Details

Chromatography on Protein G.

Target Details

Target:	Retinoic Acid Receptor beta (RARβ)
Alternative Name:	RAR-beta / RARB (RARβ Products)
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 (RXR-α, 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).Synonyms: HAP, HBV-activated protein, NR1B2, Nuclear receptor subfamily 1 group B member 2, RAR-ε, Retinoic acid receptor beta
Gene ID:	5915
UniProt:	P10826
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	Western Blot: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

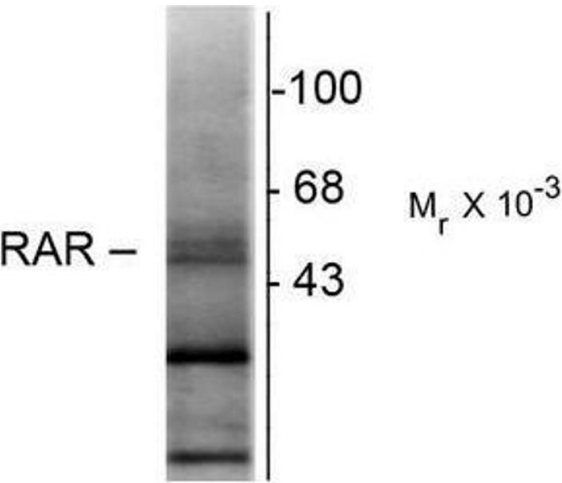
Format:	Liquid
Buffer:	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA and 50 % Glycerol.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C. Avoid repeated freezing and thawing.

Handling

Shelf life: one year from despatch.

Expiry Date: 12 months

Images



Western Blotting

Image 1.