

Datasheet for ABIN657975
anti-RORB antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	RORB
Binding Specificity:	AA 329-358, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RORB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-358 amino acids from the C-terminal region of human RORB.
Clone:	RB34135
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RORB
Alternative Name:	RORB (RORB Products)
Background:	The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone

Target Details

receptors. It is a DNA-binding protein that can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The specific functions of this protein are not known, but it has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation.

Molecular Weight: 53220

Gene ID: 6096

UniProt: [Q92753](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: RORB Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months

Publications

Product cited in: Yang, Yang, Li, Liu, Zou, Yuan, Xu: "Overexpression of FZD1 and CAIX are Associated with Invasion, Metastasis, and Poor-Prognosis of the Pancreatic Ductal Adenocarcinoma." in: **Pathology oncology research : POR**, Vol. 24, Issue 4, pp. 899-906, (2018) ([PubMed](#)).

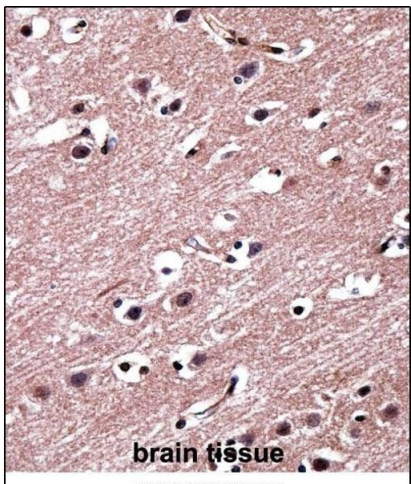
Zheng, Ma, Sun, Yin, Lin, Liu, Xu, Zeng: "Butaselen prevents hepatocarcinogenesis and progression through inhibiting thioredoxin reductase activity." in: **Redox biology**, Vol. 14, pp.

237-249, (2018) ([PubMed](#)).

Wang, Huang, Zheng, Wang, Li, Zhang, Yang: "Concurrent chemoradiotherapy with low-dose docetaxel inhibits the growth of DU-145 prostate cancer xenografts." in: **Clinical & translational oncology : official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico**, Vol. 16, Issue 6, pp. 567-72, (2014) ([PubMed](#)).

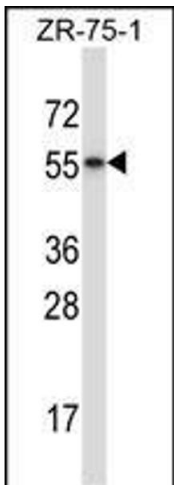
Liu, Wang, Kwong, Lui, Friedman, Li, Lam, Zhang, Zhang, Ye: "Inhibition of PDGF, TGF- β , and Abl signaling and reduction of liver fibrosis by the small molecule Bcr-Abl tyrosine kinase antagonist Nilotinib." in: **Journal of hepatology**, Vol. 55, Issue 3, pp. 612-25, (2011) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. RORB Antibody (C-term) ((ABIN657975 and ABIN2846921))immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RORB Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. RORB Antibody (C-term) (ABIN657975 and ABIN2846921) western blot analysis in ZR-75-1 cell line lysates (35 μ g/lane).This demonstrates the RORB antibody detected the RORB protein (arrow).