

RARBeta Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07669
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Retinoic Acid Receptor beta. AA range:331-380
Mol wt	50489
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	RARBeta Antibody
Synonyms	RARB; HAP; NR1B2; Retinoic acid receptor beta; RAR-beta; HBV-activated protein; Nuclear receptor subfamily 1 group B member 2; RAR-epsilon

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

RARB encodes retinoic acid receptor beta, a member of the thyroid-steroid hormone receptor superfamily of nuclear transcriptional regulators. This receptor localizes to the cytoplasm and to subnuclear compartments. It binds retinoic acid, the biologically active form of vitamin A which mediates cellular signalling in embryonic morphogenesis, cell growth and differentiation. It is thought that this protein limits growth of many cell types by regulating gene expression. The gene was first identified in a hepatocellular carcinoma where it flanks a hepatitis B virus integration site. Alternate promoter usage and differential splicing result in multiple transcript variants.

Recommended Dilution

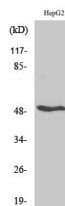
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

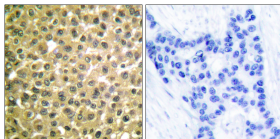
ELISA: 1: 20000

Not yet tested in other applications.

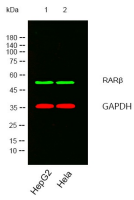
Images



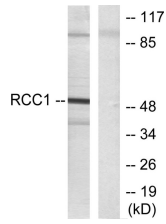
Western Blot analysis of various cells using RAR β Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Retinoic Acid Receptor beta Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2,Hela cells, (Green) primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour. (Red) loading control antibody was diluted at 1:5000 as loading control, 4° over night,secondary antibody was diluted at 1:10000, 37° 1hour.



Western blot analysis of lysates from HepG2 cells, using Retinoic Acid Receptor beta Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com