

# 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

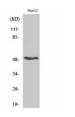
RARB encodes retinoic acid receptor beta, a member of the thyroid-steroid hormone receptor superfamily of nuclear transcriptional regulators. This receptor localizes to the cytoplasm and to subnuclear compartments. It binds retinoic acid, the biologically active form of vitamin A which mediates cellular 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

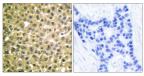
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

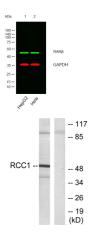
# Images



Western Blot analysis of various cells using RAR\$ 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,  $4^{\circ}$  over night, secondary antibody was diluted at 1:1000,  $37^{\circ}$  1hour. (Red) loading control antibody was diluted at 1:1000,  $37^{\circ}$  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

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