

## RARB

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**50kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human RARB

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HAP; RRB2; NR1B2; MCOPS12;

**Catalog #:**A1603

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5915

**Isotype:**IgG

**Swiss Prot:**P10826

**Purity:**Affinity purification

For research use only.

**Background:**

This gene 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.

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