

RAR β Rabbit pAb

Catalog No.: A13173

Basic Information

Catalog No.

A13173

Observed MW

50kDa

Calculated MW

37kDa/50kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

Recommended Dilutions

WB 1:500 - 1:2000

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.

Immunogen Information

Gene ID

5915

Swiss Prot

P10826

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 146-370 of human RAR β (NP_000956.2).

Synonyms

RARB;HAP;MCOPS12;NR1B2;RARbeta1;RRB2

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

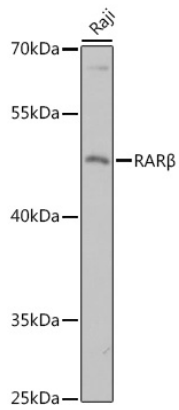
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of Raji cells, using RAR β antibody (A13173) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.