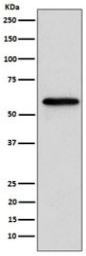
RARB Antibody / Retinoic Acid Receptor beta [clone AEHH-18] (RQ5337)

Catalog No.	Formulation	Size
RQ5337	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AEHH-18
Purity	Affinity purified
UniProt	P10826
Applications	Western Blot : 1:500-1:2000
Limitations	This RARB antibody is available for research use only.



Western blot testing of human MCF7 cell lysate with RARB antibody. Predicted molecular weight ~51 kDa.

Description

The RARB 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. [RefSeq]

Application Notes

Optimal dilution of the RARB antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Retinoic Acid Receptor beta / RARB was used as the immunogen for the RARB antibody.

Storage

Store the RARB antibody at -20oC.