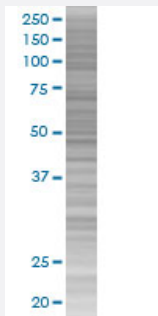


RARB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005915-T01

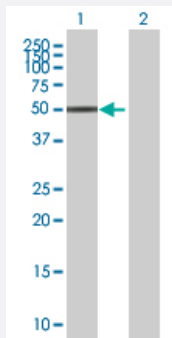
Size 100 uL

Applications



SDS-PAGE Gel

RARB transfected lysate.



Western Blot

Lane 1: RARB transfected lysate (50.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RARB full-length
Host	Human
Theoretical MW (kDa)	50.3
Interspecies Antigen Sequence	Mouse (98); Rat (98)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RARB antibody ([H00005915-B01](#)) by Western Blots.
SDS-PAGE Gel
RARB transfected lysate.
Western Blot
Lane 1: RARB transfected lysate (50.3 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RARB

Entrez GeneID[5915](#)**GeneBank Accession#**[NM_000965.2](#)**Protein Accession#**[-](#)**Gene Name**

RARB

Gene Alias

HAP, NR1B2, RRB2

Gene Description

retinoic acid receptor, beta

Omim ID[180220](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. The gene expresses at least two transcript variants; one additional transcript has been described, but its full length nature has not been determined. [provided by RefSeq]

Other Designations

HBV-activated protein|RAR-epsilon|hepatitis B virus activated protein|retinoic acid receptor beta 2|retinoic acid receptor beta 4|retinoic acid receptor beta 5|retinoic acid receptor, beta polypeptide

Pathway

- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Creutzfeldt-Jakob Syndrome](#)
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- [Diabetes Mellitus](#)
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- [Kuru](#)

- [Liver Cirrhosis](#)
- [Mental Disorders](#)
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- [Osteoporosis](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)