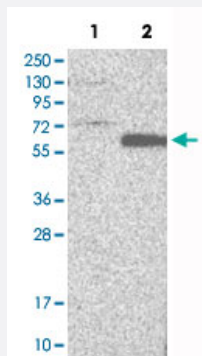


RARB polyclonal antibody

Catalog # PAB30680

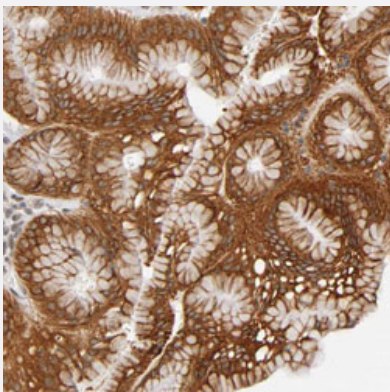
Size 100 uL

Applications



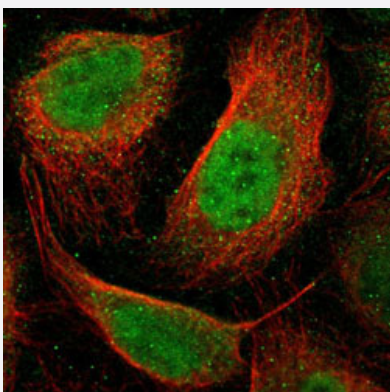
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with RARB polyclonal antibody (Cat # PAB30680).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach with RARB polyclonal antibody (Cat # PAB30680) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of U-2 OS with RARB polyclonal antibody (Cat # PAB30680) (Green) shows positivity in nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human RARB.
Immunogen	Recombinant protein corresponding to human RARB.
Sequence	VLSVSPGQILDFYTASPSSCMLQEKALKACFSGLTQTEWQHRHTAQSIETQSTSSEELVPSPSP LPPPRVYKPCFVCQDKSSGYHYGV
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with RARB polyclonal antibody (Cat # PAB30680).

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Gene Info — RARB

Entrez GeneID [5915](#)

Protein Accession# [P10826](#)

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](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
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