

RARB / RAR Beta Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10833**Specification**

RARB / RAR Beta Antibody (C-Terminus) - Product Information

| | |
|-------------------|---------------------------|
| Application | IHC-P, E |
| Primary Accession | P10826 |
| Reactivity | Human, Monkey, Pig, Horse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 50kDa KDa |
| Dilution | IHC-P~~N/A E~~N/A |

RARB / RAR Beta Antibody (C-Terminus) - Additional Information**Gene ID** 5915**Other Names**

Retinoic acid receptor beta, RAR-beta, HBV-activated protein, Nuclear receptor subfamily 1 group B member 2, RAR-epsilon, RARB, HAP, NR1B2

Target/Specificity

Human RARB. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

RARB / RAR Beta Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

RARB / RAR Beta Antibody (C-Terminus) - Protein Information**Name** RARB**Synonyms** HAP, NR1B2**Function**

Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RXR/RAR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence or presence of hormone ligand, acts mainly as an activator of gene expression due to weak binding to corepressors (PubMed:12554770). The RXRA/RARB heterodimer can act as a repressor on the DR1

element and as an activator on the DR5 element (PubMed:29021580). In concert with RARG, required for skeletal growth, matrix homeostasis and growth plate function (By similarity).

Cellular Location

Nucleus. Cytoplasm [Isoform Beta-2]: Nucleus.

Tissue Location

Expressed in aortic endothelial cells (at protein level).

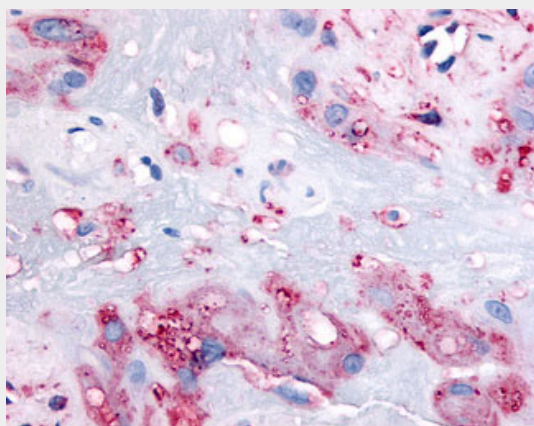
Volume

50 µl

RARB / RAR Beta Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RARB / RAR Beta Antibody (C-Terminus) - Images

Anti-RARB antibody ALS10833 IHC of human intermediate trophoblasts.

RARB / RAR Beta Antibody (C-Terminus) - Background

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RARB / RAR Beta Antibody (C-Terminus) - References

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Sommer K.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 96:8651-8656(1999).
Shen S.,et al.DNA Seq. 2:111-119(1991).
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