

Rabbit anti-Human Retinoic Acid Receptor beta Polyclonal Antibody | anti-RARB antibody

Retinoic Acid Receptor beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303273	Rabbit	Human	Immunohistochemistry, Western Blot

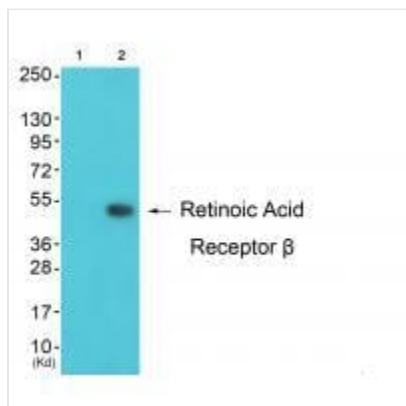
PRODUCT SYNONYMS

Retinoic Acid Receptor beta; Polyclonal Antibody; Retinoic Acid Receptor beta Antibody; Retinoic Acid Receptor b Antibody; RAR-beta; anti-RARB antibody

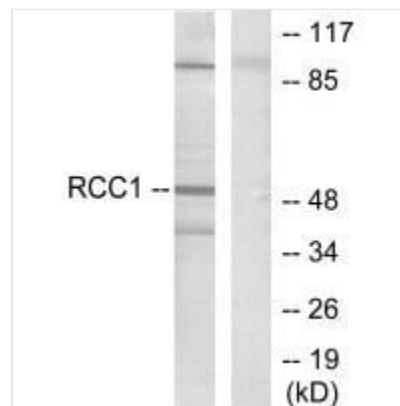
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Retinoic Acid Receptor b protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	448
Applicable Applications for anti-RARB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Retinoic Acid Receptor b.
Target Name	Retinoic Acid Receptor b
Preparation and Storage	Store at -20 degree C

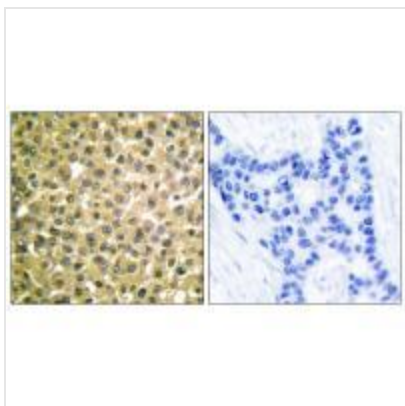
IMAGES


WB (Western Blot)

Western blot analysis of extracts from K562 cells (Lane 2), using Retinoic Acid Receptor b antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using Retinoic Acid Receptor b antibody.



IHC (Immunohistochemistry)
 Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Retinoic Acid Receptor b antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RARB antibody	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. In concert with RARG, required for skeletal growth, matrix homeostasis and growth plate function.Reuben Lotan, N. Engl. J. Med., May 1995; 332: 1405 - 1411. Andrew Yen, Mol. Pharmacol., Dec 2004; 66: 1727 - 1737. K Swisshelm, Cell Growth Differ., Feb 1994; 5: 133. F Aoudjit, Cell Growth Differ., May 1995; 6: 515.
Product Categories/Family for anti-RARB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14916494
NCBI GeneID	5915
NCBI Accession #	NP_000956.2
NCBI GenBank Nucleotide #	NM_000965.4
UniProt Accession #	P10826; P12891; Q00989; Q15298; Q9UN48
Molecular Weight	– Da
NCBI Official Full Name	retinoic acid receptor beta isoform 1
NCBI Official Synonym Full Names	retinoic acid receptor, beta
NCBI Official Symbol	RARB
NCBI Official Synonym Symbols	HAP; RRB2; NR1B2; MCOPS12
NCBI Protein Information	retinoic acid receptor beta
UniProt Protein Name	Retinoic acid receptor beta
UniProt Gene Name	RARB
UniProt Synonym Gene Names	HAP; NR1B2; RAR-beta
UniProt Entry Name	RARB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/retinoic-acid-receptor-beta-antibody-immunohistochemistry-western-blot-elisa/303273>