

Rabbit RDH10 Polyclonal Antibody | anti-RDH10 antibody

RDH10 Antibody (Center)

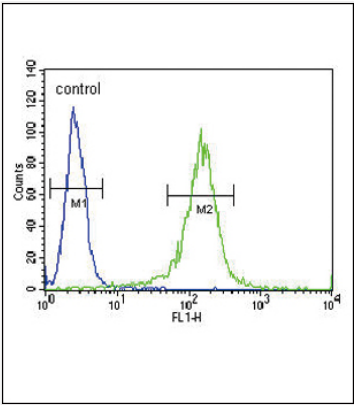
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289832	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

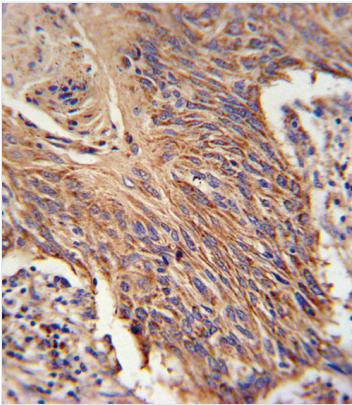
RDH10; Polyclonal Antibody; RDH10 Antibody (Center); Retinol dehydrogenase 10; anti-RDH10 antibody

PRODUCT SPECIFICATIONS

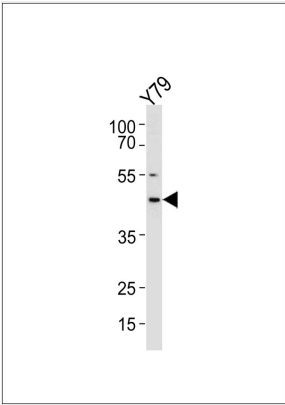
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RDH10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-135 amino acids from the Central region of human RDH10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	106-135
Sequence Length	341
Applicable Applications for anti-RDH10 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RDH10 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
RDH10 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RDH10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
RDH10 Antibody (Center) western blot analysis in Y79 cell line lysates (35ug/lane).This demonstrates the RDH10 antibody detected the RDH10 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RDH10 antibody	RDH10 generates all-trans retinal from all-trans retinol and may plan an important role in the photic visual cycle. All-trans retinal is isomerized to 11-cis retinal by the retinal G protein-coupled receptor (RGR; MIM 600342) when the retinal pigment epithelium (RPE) is illuminated.
Product Categories/Family for anti-RDH10 antibody	Crown Antibodies; Developmental Biology; Metabolism; Signal Transduction
References	Bankovic, J., et al. Lung Cancer 67(2):151-159(2010) Takahashi, Y., et al. Biochem. J. 419(1):113-122(2009) Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	25282469
NCBI GeneID	157506
NCBI Accession #	NP_742034.1
NCBI GenBank Nucleotide #	NM_172037.4
UniProt Accession #	Q8IZV5

Molecular Weight	38087
NCBI Official Full Name	retinol dehydrogenase 10
NCBI Official Synonym Full Names	retinol dehydrogenase 10 (all-trans)
NCBI Official Symbol	RDH10
NCBI Official Synonym Symbols	SDR16C4
NCBI Protein Information	retinol dehydrogenase 10
UniProt Protein Name	Retinol dehydrogenase 10
UniProt Gene Name	RDH10
UniProt Synonym Gene Names	SDR16C4
UniProt Entry Name	RDH10_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://www.aaabiotech.com/polyclonal/rdh10-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/289832>