

Rabbit anti-Human, Mouse RDH12 Polyclonal Antibody | anti-RDH12 antibody

RDH12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330052	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

RDH12; Polyclonal Antibody; RDH12 Antibody; All trans and 9 cis retinol dehydrogenase; All-trans and 9-cis retinol dehydrogenase; LCA 3; LCA13; LCA3; RDH 12; RDH12_HUMAN; Retinol dehydrogenase 12 (all trans/9 cis/11 cis); Retinol dehydrogenase 12 all trans and 9 cis; Retinol dehydrogenase 12; RP53; SDR7C2; Short chain dehydrogenase/reductase family 7C member 2; anti-RDH12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	RDH12 Antibody detects endogenous levels of RDH12.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-RDH12 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human RDH12.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA330052 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(#AAA330052) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry)

AAA330052 at 1/100 staining mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RDH12 antibody	Endoplasmic reticulum membrane; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	186928839
NCBI GeneID	145226
NCBI Accession #	NP_689656.2
NCBI GenBank Nucleotide #	NM_152443.2
UniProt Accession #	Q96NR8; Q8TAW6; B2RDA2
NCBI Official Full Name	retinol dehydrogenase 12
NCBI Official Synonym Full Names	retinol dehydrogenase 12 (all-trans/9-cis/11-cis)
NCBI Official Symbol	RDH12
NCBI Official Synonym Symbols	LCA3; RP53; LCA13; SDR7C2
NCBI Protein Information	retinol dehydrogenase 12; all-trans and 9-cis retinol dehydrogenase; retinol dehydrogenase 12, all-trans and 9-cis; short chain dehydrogenase/reductase family 7C, member 2
UniProt Protein Name	Retinol dehydrogenase 12
UniProt Gene Name	RDH12
UniProt Entry Name	RDH12_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/rdh12-antibody-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/330052>