

Rabbit anti-Human Retinol dehydrogenase 12 Polyclonal Antibody | anti-RDH12 antibody

Rabbit anti-human Retinol dehydrogenase 12 polyclonal Antibody(RDH12)

CATALOG # AAA119551	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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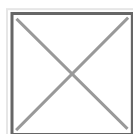
PRODUCT SYNONYMS

Retinol dehydrogenase 12; Polyclonal Antibody; Rabbit anti-human Retinol dehydrogenase 12 polyclonal Antibody(RDH12); All-trans and 9-cis retinol dehydrogenase; Short chain dehydrogenase/reductase family 7C member 2; SDR7C2; RDH12; anti-RDH12 antibody

PRODUCT SPECIFICATIONS

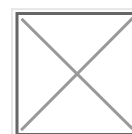
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	316
Applicable Applications for anti-RDH12 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Retinol dehydrogenase 12 protein(1-316AA)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79019 / sc-79023 / sc-98347
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA119551 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA119551 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-RDH12 antibody	Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity toward 9-cis and all-trans-retinol. Also involved in the metabolism of short-chain aldehydes. No steroid dehydrogenase activity detected. Might be the key enzyme in the formation of 11-cis-retinal from 11-cis-retinol during regeneration of the cone visual pigments.
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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
Molecular Weight	35,094 Da
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	RP53; LCA13; SDR7C2
NCBI Protein Information	retinol dehydrogenase 12
UniProt Protein Name	Retinol dehydrogenase 12
UniProt Gene Name	RDH12
UniProt Synonym Gene Names	SDR7C2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/retinol-dehydrogenase-12-antibody-immunohistochemistry-elisa/119551>