

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

RDH12 Antibody

CATALOG # AAA230909	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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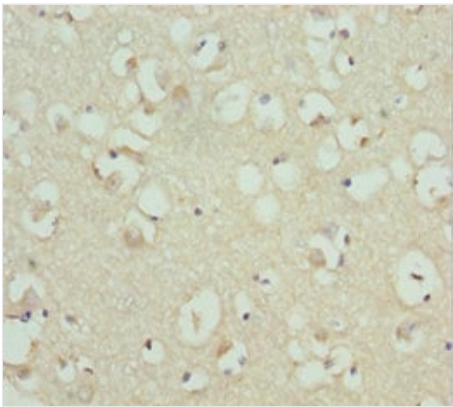
PRODUCT SYNONYMS

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

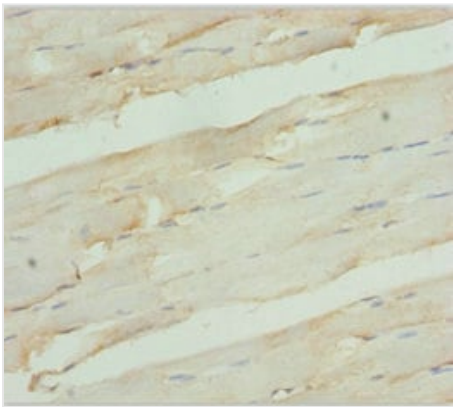
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	316
Applicable Applications for anti-RDH12 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Retinol dehydrogenase 12 protein (C-135AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
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 brain tissue using AAA230909 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA230909 at dilution 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.