

Rabbit anti-Human Retinol dehydrogenase 11 Polyclonal Antibody | anti-RDH11 antibody

Rabbit anti-human Retinol dehydrogenase 11 polyclonal Antibody

CATALOG # AAA118185	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Retinol dehydrogenase 11; Polyclonal Antibody; Rabbit anti-human Retinol dehydrogenase 11 polyclonal Antibody; Androgen-regulated short-chain dehydrogenase/reductase 1; HCV core-binding protein HCBP12; Prostate short-chain dehydrogenase/reductase 1; Retinal reductase 1; RalR1; anti-RDH11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	248
Applicable Applications for anti-RDH11 antibody	WB (Western Blot), 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 11 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-51420
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



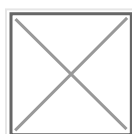
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA118185 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA118185 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: RDH11 antibody at 10 ug/mLane 1: PC-3 whole cell lysateLane 2: HeLa whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 36,35,28 kDaObserved band size: 35 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RDH11 antibody	Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity towards 9-cis and all-trans-retinol. Also involved in the metabolism of short-chain aldehydes. No steroid dehydrogenase activity detected.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	358001101
NCBI GeneID	51109
NCBI Accession #	NP_001239579.1
NCBI GenBank Nucleotide #	NM_001252650.1
UniProt Accession #	Q8TC12; Q0QD40; Q6IAH5; Q9NRW0; Q9Y391; A6NDK3; A8K062; B2RB26; B4DDW0
Molecular Weight	27,402 Da
NCBI Official Full Name	retinol dehydrogenase 11 isoform 2
NCBI Official Synonym Full Names	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)
NCBI Official Symbol	RDH11
NCBI Official Synonym Symbols	MDT1; CGI82; PSDR1; RALR1; SCALD; ARSDR1; HCBP12; RDJCSS; SDR7C1
NCBI Protein Information	retinol dehydrogenase 11
UniProt Protein Name	Retinol dehydrogenase 11
UniProt Gene Name	RDH11
UniProt Synonym Gene Names	ARSDR1; PSDR1; SDR7C1; RalR1
UniProt Entry Name	RDH11_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-11-antibody-western-blot-immunohistochemistry-elisa/118185>