

Rabbit RDH10 Polyclonal Antibody | anti-RDH10 antibody

RDH10 Antibody

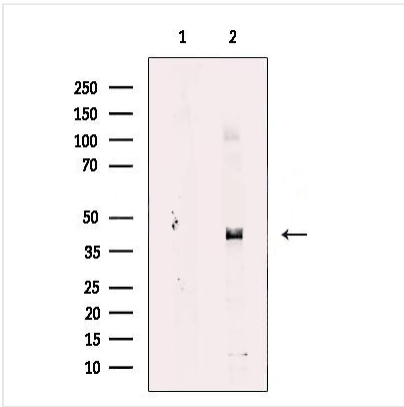
CATALOG # AAA322931	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

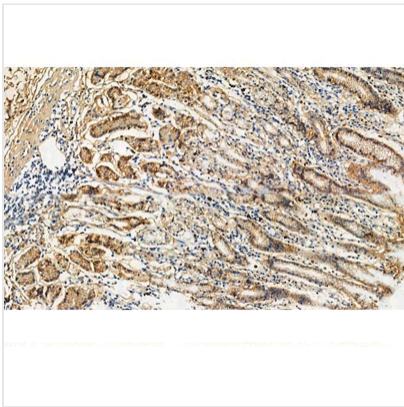
RDH10; Polyclonal Antibody; RDH10 Antibody; RDH 10; RDH10_HUMAN; Retinol dehydrogenase 10 (all trans); Retinol dehydrogenase 10; SDR16C4; Short chain dehydrogenase/reductase family 16C member 4; anti-RDH10 antibody

PRODUCT SPECIFICATIONS

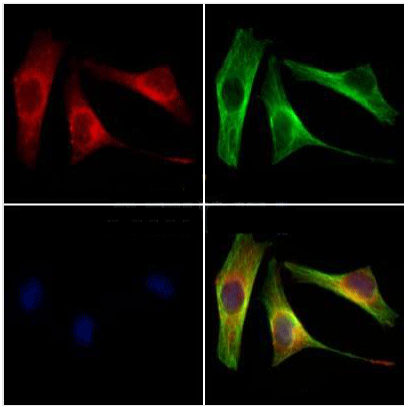
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RDH10 antibody detects endogenous levels of RDH10.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	341
Applicable Applications for anti-RDH10 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RDH10, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from human kidney tissue, using RDH10 Antibody. The lane on the left was treated with blocking peptide.



IHC (Immunohistochemistry)
AAA322931 at 1/100 staining Human normal tissues adjacent to gastric cancer 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 antibody at 4°C overnight. An HRPconjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)
AAA322931 staining 3T3 by IF/ICC. The samples were fixed withPFA 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 (AAA322931 1:200) and mouse anti-beta tubulin Ab (1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red)and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L)Ab(Green) were used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RDH10 antibody	Function: Retinol dehydrogenase with a clear preference for NADP. Converts all-trans-retinol to all-trans-retinal. Has no detectable activity towards 11-cis-retinol, 9-cis-retinol and 13-cis-retinol. Similarity: Belongs to the short-chain dehydrogenases/reductases (SDR) family.
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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	39 kDa

NCBI Official Full Name	retinol dehydrogenase 10
NCBI Official Synonym Full Names	retinol dehydrogenase 10
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

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-immunohistochemistry-western-blot-elisa/322931>