

Rabbit RDH5 Polyclonal Antibody | anti-RDH5 antibody

RDH5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311609	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RDH5; Polyclonal Antibody; RDH5 Polyclonal Antibody; 9cRDH; HSD17B9; RDH1; SDR9C5; retinol dehydrogenase 5; anti-RDH5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-RDH5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RDH5 (NP_002896.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



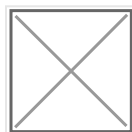
IF (Immunofluorescence)

Immunofluorescence analysis of mouse retina using RDH5 Polyclonal Antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of rat retina using RDH5 Polyclonal Antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RDH5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RDH5 antibody

This gene encodes an enzyme belonging to the short-chain dehydrogenases/reductases (SDR) family. This retinol dehydrogenase functions to catalyze the final step in the biosynthesis of 11-cis retinaldehyde, which is the universal chromophore of visual pigments. Mutations in this gene cause autosomal recessive fundus albipunctatus, a rare form of night blindness that is characterized by a delay in the regeneration of cone and rod photopigments. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream BLOC1S1 (biogenesis of lysosomal organelles complex-1, subunit 1) gene.

Product Categories/Family for anti-RDH5 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	50726952
NCBI GeneID	5959
NCBI Accession #	NP_002896.2
NCBI GenBank Nucleotide #	NM_002905.3
UniProt Accession #	Q92781; O00179; Q8TAI2
Molecular Weight	34,979 Da
NCBI Official Full Name	11-cis retinol dehydrogenase
NCBI Official Synonym Full Names	retinol dehydrogenase 5
NCBI Official Symbol	RDH5
NCBI Official Synonym Symbols	RDH1; 9cRDH; SDR9C5; HSD17B9
NCBI Protein Information	11-cis retinol dehydrogenase
UniProt Protein Name	11-cis retinol dehydrogenase
UniProt Gene Name	RDH5
UniProt Synonym Gene Names	RDH1; 11-cis RDH; 11-cis RoDH; 9cRDH
UniProt Entry Name	RDH1_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/rdh5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/311609>