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Datasheet for ABIN7167837

**anti-RDH12 antibody (AA 1-316) (Biotin)**

## Overview

Quantity:	100 µg
Target:	RDH12
Binding Specificity:	AA 1-316
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RDH12 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Retinol dehydrogenase 12 protein (1-316AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	RDH12
Alternative Name:	RDH12 ( <a href="#">RDH12 Products</a> )
Background:	Background: 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.

## Target Details

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.

Aliases: All trans and 9 cis retinol dehydrogenase antibody, All-trans and 9-cis retinol dehydrogenase antibody, LCA 3 antibody, LCA13 antibody, LCA3 antibody, RDH 12 antibody, RDH12 antibody, RDH12\_HUMAN antibody, Retinol dehydrogenase 12 (all trans/9 cis/11 cis) antibody, Retinol dehydrogenase 12 all trans and 9 cis antibody, Retinol dehydrogenase 12 antibody, RP53 antibody, SDR7C2 antibody, Short chain dehydrogenase/reductase family 7C member 2 antibody

UniProt: [Q96NR8](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.