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Datasheet for ABIN7167839 anti-RDH12 antibody (AA 1-316) (HRP)



Overview

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

Product Details

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

Target Details

Target:	RDH12
Alternative Name:	RDH12 (RDH12 Products)
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.

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	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.