Datasheet for ABIN1398475 anti-RDH13 antibody (AA 101-200) (Biotin)

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Overview

Quantity:	100 µL
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Target:	RDH13
Binding Specificity:	AA 101-200
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RDH13 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)),
	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RDH13
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	RDH13
Alternative Name:	RDH13 (RDH13 Products)

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Target Details	
Background:	Synonyms: RDH13, RDH13_HUMAN, Retinol dehydrogenase 13 all trans and 9 cis, Retinol
	dehydrogenase 13 all trans/9 cis, Retinol dehydrogenase 13.
	Background: RDH13, also known as all-trans and 9-cis retinol dehydrogenase 13 or SDR7C3, is
	a 331 amino acid mitochondrial protein belonging to the short-chain
	dehydrogenases/reductases (SDR) family. Widely expressed, mostly in eye, pancreas, placenta
	and lung, RDH13 localizes on the outer side of the inner mitochondrial membrane. Related to
	microsomal retinoid oxidoreductase RDH11, RDH13 is considered to be a major enzyme
	among the RDH family of proteins. Catalytically active, RDH13 recognizes retinoids as
	substrates and may function in retinoic acid production. RDH13 may function to protect the
	mitochondria against oxidative stress. Leber congenital amaurosis (LCA) type 3, an inherited
	autosomal recessive retinal disease, has been associated with defects of RDH13. LCA
	represents the most common genetic cause of congenital visual impairment in infants and
	children.
Gene ID:	112724

## Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

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