

RDH12 Rabbit pAb

CatalogNo: YN8232

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 35kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human RDH12

Specificity

This antibody detects endogenous levels of RDH12 at Human, Mouse

Target Information

Gene name

RDH12

Protein Name	Retinol dehydrogenase 12 (All-trans and 9-cis retinol dehydrogenase)		
	Organism	Gene ID	UniProt ID
	Human	145226;	Q96NR8;
	Mouse	77974;	Q8BYK4;
Cellular Localization	Endoplasmic reticulum membrane .		
Tissue specificity	Widely expressed, mostly in retina, kidney, brain, skeletal muscle, pancreas and stomach.		
Function	Retinoids dehydrogenase/reductase with a clear preference for NADP. Displays high activity towards 9-cis, 11-cis and all-trans-retinal. Shows very weak activity towards 13-cis-retinol . Also exhibits activity, albeit with lower affinity than for retinaldehydes, towards lipid peroxidation products (C9 aldehydes) such as 4-hydroxynonenal and trans-2-nonenal . May play an important function in photoreceptor cells to detoxify 4-hydroxynonenal and potentially other toxic aldehyde products resulting from lipid peroxidation . Has no dehydrogenase activity towards steroids .		

Validation Data

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
 to access additional
 product information:
RDH12 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)