



Rabbit Anti-RDH10 antibody

SL11941R

Product Name:	RDH10
Chinese Name:	视黄醇脱氢酶10抗体
Alias:	RDH 10; RDH10; RDH10_HUMAN; Retinol dehydrogenase 10 (all trans); Retinol dehydrogenase 10; SDR16C4; Short chain dehydrogenase/reductase family 16C member 4.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RDH10:201-300/341
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Retinol dehydrogenase with a clear preference for NADP. Converts all-trans-retinol to all-trans-retinal. Has no detectable activity towards 11-cis-retinol, 9-cis-retinol and 13-cis-retinol.
	Function:

Retinol dehydrogenase with a clear preference for NADP. Converts all-trans-retinol to all-trans-retinal. Has no detectable activity towards 11-cis-retinol, 9-cis-retinol and 13-cis-retinol.

Subcellular Location:

Microsome membrane. Endoplasmic reticulum membrane.

Tissue Specificity:

Detected in retina, kidney, liver, small intestine, placenta, lung, heart and skeletal muscle.

Similarity:

Belongs to the short-chain dehydrogenases/reductases (SDR) family.

SWISS:

Q8IZV5

Gene ID:

157506

Database links:

[Entrez Gene: 157506](#)Human

[Entrez Gene: 98711](#)Mouse

[Entrez Gene: 353252](#)Rat

[Omim: 607599](#)Human

[SwissProt: Q8HZT6](#)Cow

[SwissProt: Q8IZV5](#)Human

[SwissProt: Q8VCH7](#)Mouse

[SwissProt: Q80ZF7](#)Rat

[Unigene: 244940](#)Human

[Unigene: 274376](#)Mouse

[Unigene: 16968](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.