

## Rabbit Anti-RDH10 antibody

SL11941R

<b>Product Name</b>	RDH10
<b>Chinese Name</b>	视黄醇脱氢酶 10 抗体
<b>Alias</b>	RDH 10; RDH10; RDH10_HUMAN; Retinol dehydrogenase 10 (all trans); Retinol dehydrogenase 10; SDR16C4; Short chain dehydrogenase/reductase family 16C member 4.
<b>Research Area</b>	Tumour Cell biology Developmental biology Neurobiology Signal transduction
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Chicken,Pig,Horse,Sheep)
<b>Applications</b>	ELISA=1:5000-10000 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	38kDa
<b>Cellular localization</b>	cytoplasmic The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human RDH10: 201-300/341
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>
<b>Product Detail</b>	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