SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-RDH11 antibody

Catalog Number: SL6214R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RDH11
Immunogen:	KLH conjugated synthetic peptide derived from human RDH11: 31-130/318
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 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.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, Sheep)
Predicted MW.:	35kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	The protein encoded by this gene is an NADPH-dependent retinal reductase and a short-chain dehydrogenase/reductase. The encoded protein has no steroid dehydrogenase activity. **Function:** Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity towards 9-cis and all-trans-retinol. Also involved in the metabolism of short-chain aldehydes. No steroid dehydrogenase activity detected. **Subcellular Location:** Endoplasmic reticulum membrane; Single-pass type II membrane protein. **Tissue Specificity:** Predominantly expressed in the epithelial cells of prostate, in both basal and luminal secretory cell populations. Expressed at low levels in

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	spleen, thymus, testis, ovary, small intestine, colon, peripherical blood leukocytes, kidney, adrenal gland and fetal liver. Not detected in prostatic fibromuscular stromal cells, endothelial cells, or infiltrating lymphocytes. **Post-translational modifications:** Not glycosylated. **Similarity:** Belongs to the short-chain dehydrogenases/reductases (SDR) family. **Database links:** **Entrez Gene:** 51109 Human Omim: 607849 Human **SwissProt:** Q8TC12 Human **Unigene:** 226007 Human **Unigene:** 719925 Human

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