

**RDH11 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58395****Specification**

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**RDH11 Polyclonal Antibody - Product Information**

Application	<b>WB, IHC-P, IHC-F, IF, E</b>
Primary Accession	<a href="#">O8TC12</a>
Reactivity	<b>Rat, Pig, Dog</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>35386</b>

**RDH11 Polyclonal Antibody - Additional Information****Gene ID** 51109**Other Names**

Retinol dehydrogenase 11, 1.1.1.300, Androgen-regulated short-chain dehydrogenase/reductase 1, HCV core-binding protein HCBP12, Prostate short-chain dehydrogenase/reductase 1, Retinal reductase 1, RaR1, Short chain dehydrogenase/reductase family 7C member 1, RDH11, ARSDR1, PSDR1, SDR7C1

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

**RDH11 Polyclonal Antibody - Protein Information****Name** RDH11**Synonyms** ARSDR1, PSDR1, SDR7C1**Function**

Retinol dehydrogenase with a clear preference for NADP. Displays high activity towards 9-cis, 11-cis and all-trans-retinol, and to a lesser extent on 13-cis-retinol (PubMed:<a href="http://www.uniprot.org/citations/12036956" target="\_blank">12036956</a>, PubMed:<a href="http://www.uniprot.org/citations/12226107" target="\_blank">12226107</a>, PubMed:<a href="http://www.uniprot.org/citations/29410696" target="\_blank">29410696</a>). Exhibits a low reductive activity towards unsaturated medium-chain aldehydes such as cis -6-nonenal and no activity toward nonanal or 4-hydroxy-nonenal (PubMed:<a href="http://www.uniprot.org/citations/15865448" target="\_blank">15865448</a>). Has no dehydrogenase activity towards steroid (PubMed:<a href="http://www.uniprot.org/citations/12036956" target="\_blank">12036956</a>, PubMed:<a href="http://www.uniprot.org/citations/12226107" target="\_blank">12226107</a>).

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass type II membrane protein

**Tissue Location**

Predominantly expressed in the epithelial cells of prostate, in both basal and luminal secretory cell populations Expressed at low levels in spleen, thymus, testis, ovary, small intestine, colon, peripheral blood leukocytes, kidney, adrenal gland and fetal liver. Not detected in prostatic fibromuscular stromal cells, endothelial cells, or infiltrating lymphocytes

**RDH11 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RDH11 Polyclonal Antibody - Images**