

# RDH11 rabbit monoclonal antibody

Catalog # H00051109-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human RDH11 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human RDH11 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human RDH11 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	<ol style="list-style-type: none"><li>1. Customer may provide cell or tissue lysate for antibody screening.</li><li>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)<sub>2</sub>, IgG, scFv and different Fc and non-Fc conjugates per customer request.</li></ol>

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — RDH11

Entrez GeneID	<a href="#">51109</a>
GeneBank Accession#	<a href="#">RDH11</a>
Gene Name	RDH11
Gene Alias	ARSDR1, CGI-82, FLJ32633, HCBP12, MDT1, PSDR1, RALR1, SCALD, SDR7C1
Gene Description	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)
Omim ID	<a href="#">607849</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	RHD11, a member of the short-chain dehydrogenase/reductase (SDR) superfamily of oxidoreductases, is expressed at high levels in prostate epithelium, and its expression is regulated by androgens.[supplied by OMIM]
Other Designations	HCV core-binding protein androgen-regulated short-chain dehydrogenase/reductase 1 prostate short-chain dehydrogenase reductase 1 retinol dehydrogenase 11 retinol dehydrogenase 11 (all-trans and 9-cis) short chain dehydrogenase/reductase family 7C, member

## Pathway

- [Metabolic pathways](#)
- [Retinol metabolism](#)