

For Research Use Only

# RDH14 Polyclonal antibody

Catalog Number: 16283-1-AP



## Basic Information

**Catalog Number:**

16283-1-AP

**Size:**

150ul , Concentration: 200 ug/ml by Nanodrop and 187 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG9386

**GenBank Accession Number:**

BC009830

**GeneID (NCBI):**

57665

**UNIPROT ID:**

Q9HBH5

**Full Name:**

retinol dehydrogenase 14 (all-trans/9-cis/11-cis)

**Calculated MW:**

336 aa, 37 kDa

**Observed MW:**

37 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Species Specificity:**

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : human heart tissue, A549 cells

IHC : human kidney tissue,

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

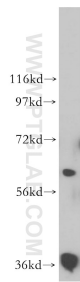
For technical support and original validation data for this product please contact:

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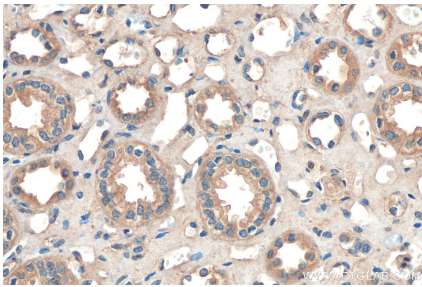
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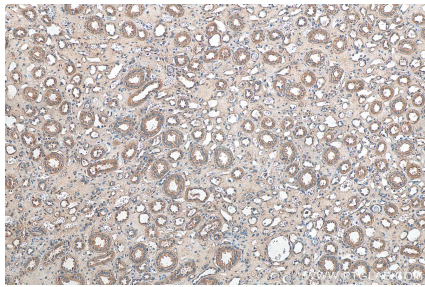
Selected Validation Data



human heart tissue were subjected to SDS PAGE followed by western blot with 16283-1-AP (RDH14 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16283-1-AP (RDH14 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16283-1-AP (RDH14 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).