

**RENBP Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59020****Specification****RENBP Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">P51606</a>
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48831

**RENBP Polyclonal Antibody - Additional Information****Gene ID** 5973**Other Names**

N-acetylglucosamine 2-epimerase, AGE, 5.1.3.8, GlcNAc 2-epimerase, N-acetyl-D-glucosamine 2-epimerase, Renin-binding protein, RnBP, RENBP

**Dilution**

IHC-P ~ ~ N/A  
IHC-F ~ ~ N/A  
IF ~ ~ 1:50 ~ 200  
E ~ ~ N/A

**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.

**RENBP Polyclonal Antibody - Protein Information****Name** RENBP**Function**

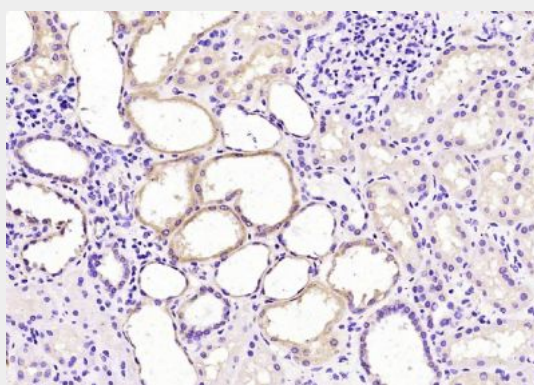
Catalyzes the interconversion of N-acetylglucosamine to N- acetylmannosamine (PubMed:[10502668](http://www.uniprot.org/citations/10502668), PubMed:[12499362](http://www.uniprot.org/citations/12499362), PubMed:[9990133](http://www.uniprot.org/citations/9990133)). Involved in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway: although human is not able to catalyze formation of Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded (PubMed:[9990133](http://www.uniprot.org/citations/9990133)).

## RENBP 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](#)

## RENBP Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Human kidney tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RENBP) Polyclonal Antibody, Unconjugated (bs-8497R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.