

RENBP antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15074**Specification**

RENBP antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P51606
Other Accession	NM_002910 , NP_002901
Reactivity	Human, Mouse, Rat, Rabbit
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

RENBP antibody - N-terminal region - Additional Information**Gene ID 5973**

Alias Symbol	RBP, RENBP
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	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-RENBP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

RENBP antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RENBP antibody - N-terminal region - Protein Information**Name RENBP****Function**

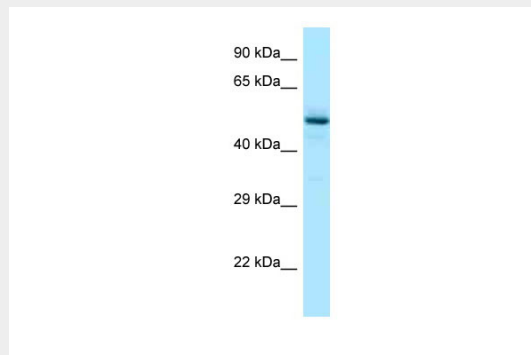
Catalyzes the interconversion of N-acetylglucosamine to N-acetylmannosamine (PubMed: [10502668](http://www.uniprot.org/citations/10502668), PubMed: [12499362](http://www.uniprot.org/citations/12499362), PubMed: [9990133](http://www.uniprot.org/citations/9990133)). Involved in the N-glycolylneuraminic 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 antibody - N-terminal region - Protocols

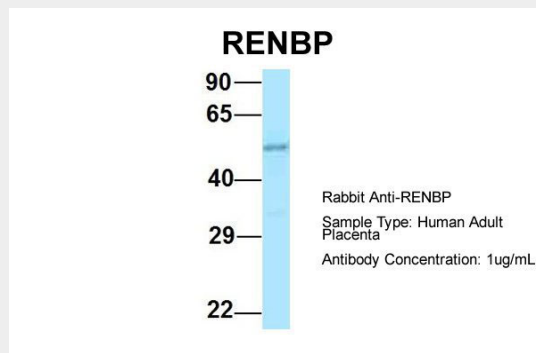
Provided below are standard protocols that you may find useful for product applications.

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

RENBP antibody - N-terminal region - Images



WB Suggested Anti-RENBP Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Liver



Host: Rabbit
Target Name: RENBP
Sample Tissue: Human Adult Placenta
Antibody Dilution: 1.0 µg/ml

RENBP antibody - N-terminal region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Ross M.T., et al. Nature 434:325-337(2005).
Inoue H., et al. J. Biochem. 110:493-500(1991).
Takahashi S., et al. J. Biochem. 125:348-353(1999).
Bergfeld A.K., et al. J. Biol. Chem. 287:28865-28881(2012).