

RENBP antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15073**Specification**

RENBP antibody - C-terminal region - Product Information

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

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

RENBP antibody - C-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

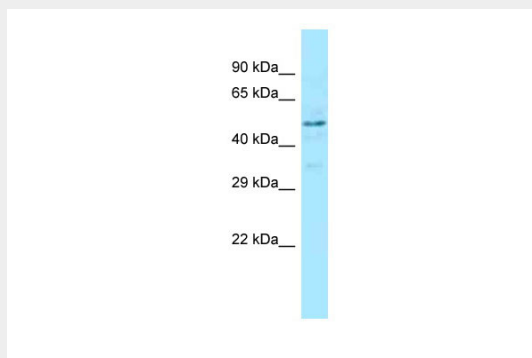
degraded (PubMed:9990133).

RENBP antibody - C-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 - C-terminal region - Images



WB Suggested Anti-RENBP Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole Cell
RENBP is supported by BioGPS gene expression data to be expressed in 721_B

RENBP antibody - C-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).