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RENBP antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15074

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	48831

Additional Information

Gene ID	5973
Alias Symbol	RBP, RNBP
Other Names	N-acylglucosamine 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.

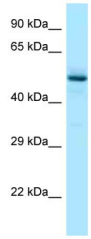
Protein Information

Name	RENBP
Function	Catalyzes the interconversion of N-acetylglucosamine to N-acetylmannosamine (PubMed:10502668, PubMed:12499362, PubMed: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).

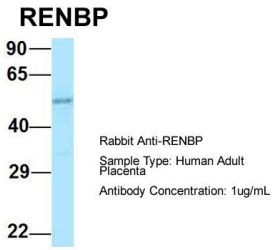
References

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).

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: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.