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RENBP antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15073

Product Information

Application	WB
Primary Accession	P51606
Other Accession	NM_002910, NP_002901
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Horse, Bovine
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 - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

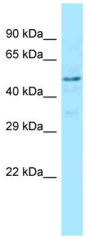
Protein Information

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: 721_B Whole CellRENBP is supported by BioGPS gene expression data to be expressed in 721_B

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