10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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, 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.

RENBP antibody - C-terminal region - Protein Information

Name RENBP

Function
Catalyzes the interconversion of N-acetylglucosamine to N- acetylmannosamine (PubMed:9990133, PubMed:10502668, PubMed:12499362). 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

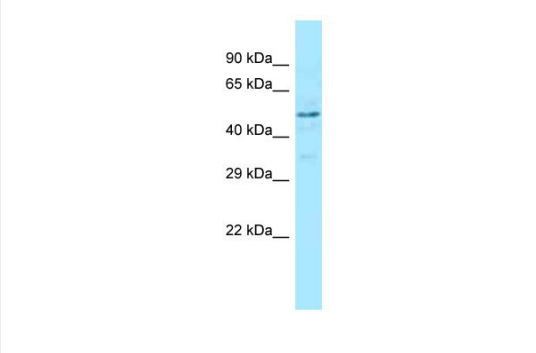
must be degraded (PubMed:9990133).

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 Cytomety
- Cell Culture

RENBP antibody - C-terminal region - 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

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).