Datasheet for ABIN1417258

anti-RENBP antibody (AA 101-200) (HRP)

Go to Product page

Overview

Quantity:	100 µL
Target:	RENBP
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RENBP antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RENBP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	RENBP
Alternative Name:	RENBP (RENBP Products)

Target Details

Background:	Synonyms: AGE, EC 5.1.3.8, GlcNAc 2 epimerase, GlcNAc 2-epimerase, N acetyl D glucosamine 2 epimerase, N-acetyl-D-glucosamine 2-epimerase, N-acylglucosamine 2-epimerase, RBP, RENBP, RENBP_HUMAN, Renin binding protein, Renin-binding protein, RNBP. Background: RENBP is a 427 amino acid protein that is a proteinaceous renin inhibitor. In inhibiting renin, RENBP forms a complex with it, a high molecular weight renin. RENBP contains a leucine zipper domain, which is essential for its dimerization with renin. RENBP can catalyze the interconversion of N-acetylglucosamine to N-acetylmannosamine, indicating that it is a GlcNAc 2-epimerase. Sequences of porcine, human and rat renin-binding proteins are highly homologous. The RENBP gene is conserved in dog, mouse, rat and zebrafish, and maps to human chromosome Xq28 between DXS52 and G6PD. Rat Renbp is located on chromosome X at Xq37 close to marker DXWox3 and falls outside the BP QTL regions on chromosome X.
Gene ID:	5973

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months