

Rabbit anti-Rat Ren1 Polyclonal Antibody | anti-Ren1 antibody

Ren1 Antibody

CATALOG # AAA243771	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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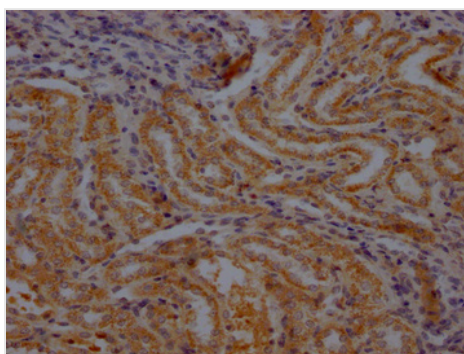
PRODUCT SYNONYMS

Ren1; Polyclonal Antibody; Ren1 Antibody; Renin (EC 3.4.23.15) (Angiotensinogenase); Ren; anti-Ren1 antibody

PRODUCT SPECIFICATIONS

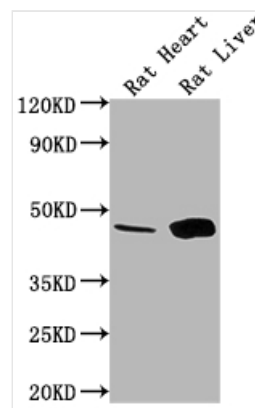
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Antigen Affinity purified & Affinity purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH7.4
Applicable Applications for anti-Ren1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugation	Non-conjugated
Immunogen	Recombinant Rat Ren1 protein (65-264AA)
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded rat kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: Rat Heart tissue, Rat Liver tissueAll lanes: Ren1 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 45 kDaObserved band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-Ren1 antibody	Renin is a highly specific endopeptidase, whose only known function is to generate angiotensin I from angiotensinogen in the plasma, initiating a cascade of reactions that produce an elevation of blood pressure and increased sodium retention by the kidney.
Product Categories/Family for anti-Ren1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	148747255
NCBI GeneID	24715
NCBI Accession #	NP_036774.4
NCBI GenBank Nucleotide #	NM_012642.4
UniProt Accession #	P08424; Q63497
Molecular Weight	160,000
NCBI Official Full Name	renin
NCBI Official Synonym Full Names	renin
NCBI Official Symbol	Ren
NCBI Official Synonym Symbols	Ren1; RENAA; RATRENAA
NCBI Protein Information	renin; angiotensinogenase; renin 1 structural
UniProt Protein Name	Renin
UniProt Gene Name	Ren1
UniProt Synonym Gene Names	Ren
UniProt Entry Name	RENI_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ren1-antibody-immunohistochemistry-western-blot-elisa/243771>