

Rabbit Renin Polyclonal Antibody | anti-REN antibody

Renin Antibody

CATALOG # AAA225282	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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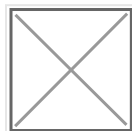
PRODUCT SYNONYMS

Renin; Polyclonal Antibody; Renin Antibody; Affinity Purified Rabbit Polyclonal Renin Antibody; Polyclonal Renin antibody; Anti-Renin antibody; angiotensinogenase antibody; REN antibody; HNFJ2 antibody; renin precursor renal antibody; renin antibody; angiotensin-forming enzyme antibody; FLJ10761 antibody; anti-REN antibody

PRODUCT SPECIFICATIONS

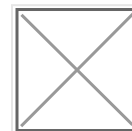
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	406
Applicable Applications for anti-REN antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Renin antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 70 and 332 of Renin
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A:293T) using a 10% SDS PAGE gel and Renin antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded OVCA xenograft using Renin antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-REN antibody	Renin catalyzes the first step in the activation pathway of angiotensinogen--a cascade that can result in aldosterone release, vasoconstriction, and increase in blood pressure. Renin, an aspartyl protease, cleaves angiotensinogen to form angiotensin I, which is converted to angiotensin II by angiotensin I converting enzyme, an important regulator of blood pressure and electrolyte balance.
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Product Categories/Family for anti-REN antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506475
NCBI GeneID	5972
NCBI GenBank Nucleotide #	NP_000528.1
UniProt Accession #	P00797
Molecular Weight	45 kDa
NCBI Official Full Name	renin preproprotein
NCBI Official Synonym Full Names	renin
NCBI Official Symbol	REN
NCBI Official Synonym Symbols	HNFJ2
NCBI Protein Information	renin
UniProt Protein Name	Renin
UniProt Gene Name	REN
UniProt Entry Name	RENI_HUMAN

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://stage.aaabiotech.com/polyclonal/renin-antibody-western-blot-immunohistochemistry-elisa/225282>