

Renin Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53367

Product Information

Application	WB
Primary Accession	P00797
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45057

Additional Information

Gene ID	5972
Other Names	Renin, 3.4.23.15, Angiotensinogenase, REN
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	REN
Function	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.
Cellular Location	Secreted. Membrane. Note=Associated to membranes via binding to ATP6AP2.

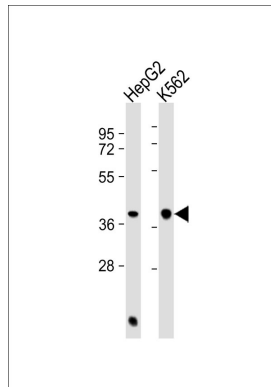
Background

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.

References

Imai T.,et al.Proc. Natl. Acad. Sci. U.S.A. 80:7405-7409(1983).
Morris B.J.,et al.Clin. Sci. 71:345-355(1986).
Hardman J.A.,et al.DNA 3:457-468(1984).
Rieder M.J.,et al.Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Images



All lanes : Anti-Renin Antibody at 1:1000 dilution Lane 1:
HepG2 whole cell lysate Lane 2: K562 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat
Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000
dilution. Predicted band size : 45 kDa Blocking/Dilution
buffer: 5% NFDM/TBST.

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