

Renin Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53367**Specification**

Renin Antibody - Product Information

Application	WB
Primary Accession	P00797
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45 KDa
Antigen Region	203-252

Renin Antibody - Additional Information**Gene ID** 5972**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Renin. The exact sequence is proprietary.

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

Renin Antibody - 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

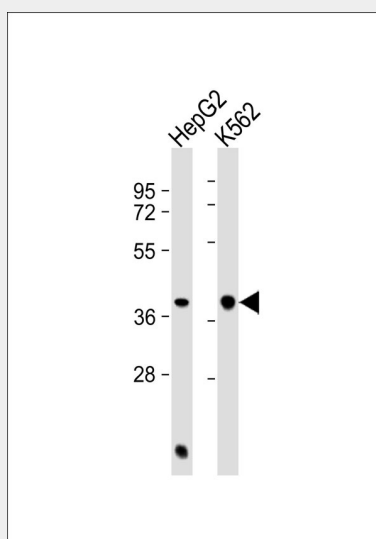
Secreted. Membrane. Note=Associated to membranes via binding to ATP6AP2.

Renin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Renin Antibody - 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.

Renin Antibody - Background

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Renin Antibody - 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.