

REN Antibody
Affinity-Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50662**Specification**

REN Antibody - Product Information

Application	WB, IHC
Primary Accession	P00797
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45 KDa
Antigen Region	220-248

REN Antibody - Additional Information**Gene ID** 5972**Other Names**

Renin, Angiotensinogenase, REN

Dilution

WB~~1:1000

IHC~~1:50-1:100

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

REN 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

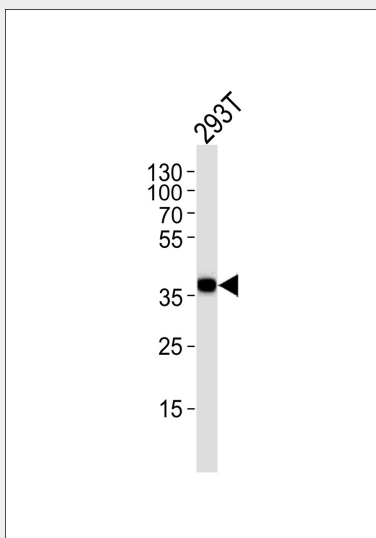
Secreted. Membrane. Note=Associated to membranes via binding to ATP6AP2.

REN Antibody - Protocols

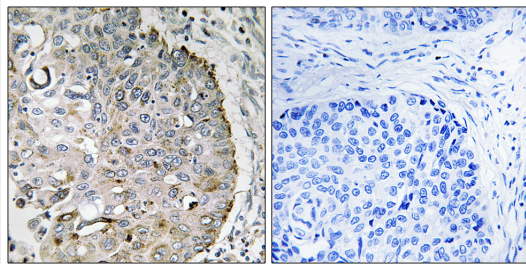
Provided below are standard protocols that you may find useful for product applications.

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

REN Antibody - Images



Western blot analysis of lysate from 293T cell line, using REN Antibody (AP50662). AP50662 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using MRRF antibody.

REN Antibody - Background

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REN 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.