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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

Format
Rabbit 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℃

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

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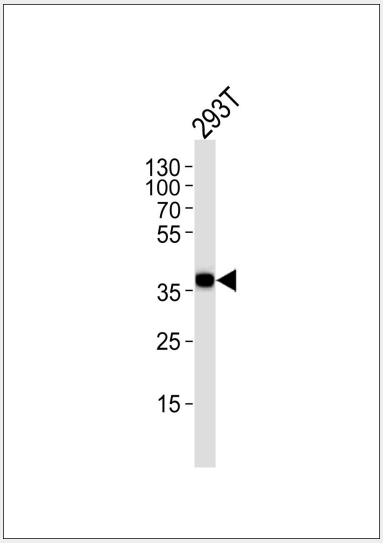
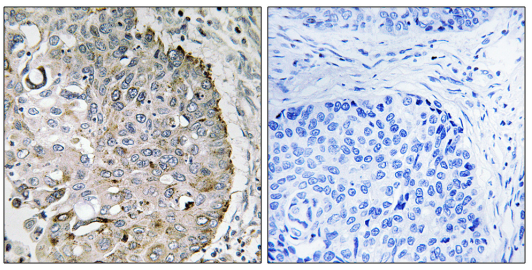
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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 35ug.



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).
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