10320 Camino Santa Fe, Suite G
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REN / Renin 1 Antibody (clone 7D3-E3)

Mouse Monoclonal Antibody
Catalog # ALS14959

Specification

REN / Renin 1 Antibody (clone 7D3-E3) - Product Information

Application	**IHC**
Primary Accession	P00797
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**45kDa KDa**

REN / Renin 1 Antibody (clone 7D3-E3) - Additional Information

Gene ID 5972

Other Names
Renin, 3.4.23.15, Angiotensinogenase, REN

Target/Specificity
Recognises renin and prorenin.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
REN / Renin 1 Antibody (clone 7D3-E3) is for research use only and not for use in diagnostic or therapeutic procedures.

REN / Renin 1 Antibody (clone 7D3-E3) - 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.

Volume
50 µl

REN / Renin 1 Antibody (clone 7D3-E3) - Protocols

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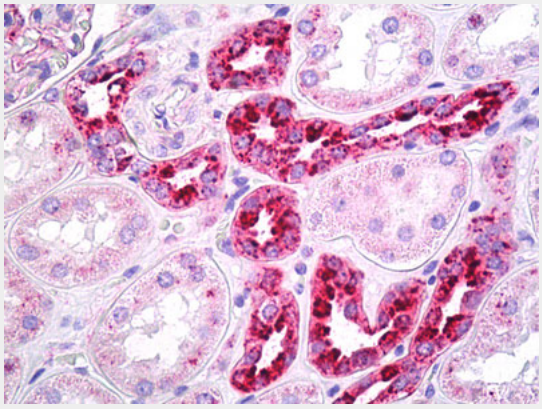
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

REN / Renin 1 Antibody (clone 7D3-E3) - Images



Anti-REN / Renin antibody IHC of human kidney, tubules.

REN / Renin 1 Antibody (clone 7D3-E3) - 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.

REN / Renin 1 Antibody (clone 7D3-E3) - 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.
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