

## Rabbit anti-Human, Mouse REN Polyclonal Antibody | anti-REN antibody

REN Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                            |
|-----------|--------|--------------|-----------------------------------------|
| AAA232763 | Rabbit | Human, Mouse | Immunofluorescence, Western Blot, ELISA |

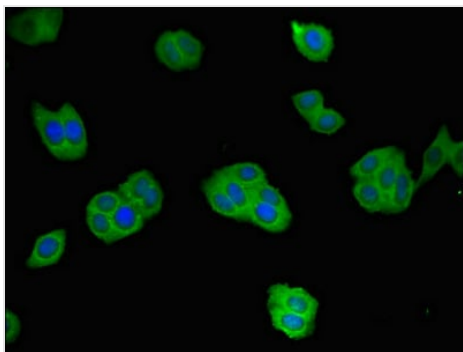
### PRODUCT SYNONYMS

REN; Polyclonal Antibody; REN Antibody; Renin; Angiotensinogenase; anti-REN antibody

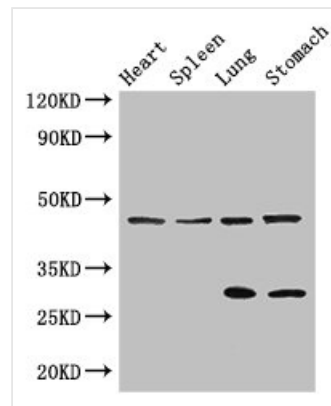
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                         |
| Reactivity                                    | Human, Mouse                                                                                                   |
| Clonality                                     | Polyclonal                                                                                                     |
| Isotype                                       | IgG                                                                                                            |
| Purity/Purification                           | >95%, Protein G purified                                                                                       |
| Form/Format                                   | Liquid                                                                                                         |
| Sequence Length                               | 406                                                                                                            |
| Applicable Applications for anti-REN antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                                              |
| Immunogen                                     | Recombinant human Renin protein (229-398AA)                                                                    |
| Preservative                                  | 0.03% Proclin 300                                                                                              |
| Constituents                                  | 50% Glycerol, 0.01M PBS, PH 7.4                                                                                |
| Conjugation                                   | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                        | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27318 / sc-22752                       |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescent analysis of HepG2 cells using AAA232763 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


**WB (Western Blot)**

Western BlotPositive WB detected in:Mouse heart tissue,Mouse spleen tissue,Mouse lung tissue,Mouse stomach tissueAll lanes: REN antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 46,45 kDaObserved band size: 46,29 kDa

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-REN antibody | 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. |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 4506475                |
| NCBI GeneID                      | 5972                   |
| NCBI Accession #                 | NP_000528.1            |
| NCBI GenBank Nucleotide #        | NM_000537.3            |
| UniProt Accession #              | P00797; Q6FI38; Q6T5C2 |
| Molecular Weight                 | 44,726 Da              |
| NCBI Official Full Name          | renin preproprotein    |
| NCBI Official Synonym Full Names | renin                  |
| NCBI Official Symbol             | REN                    |
| NCBI Official Synonym Symbols    | HNFJ2                  |
| NCBI Protein Information         | renin                  |
| UniProt Protein Name             | Renin                  |
| UniProt Gene Name                | REN                    |
| UniProt Entry Name               | RENI_HUMAN             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ren-antibody-immunofluorescence-western-blot-elisa/232763>