

# Anti-REN / Renin 1 Antibody (aa131-406, clone 4A3)

Mouse Anti Human Monoclonal Antibody

Catalog # ALS18224

## Product Information

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|------------------------------|------------------------|
| <b>Application</b>           | WB, IHC-P              |
| <b>Primary Accession</b>     | <a href="#">P00797</a> |
| <b>Predicted</b>             | Human                  |
| <b>Host</b>                  | Mouse                  |
| <b>Clonality</b>             | Monoclonal             |
| <b>Isotype</b>               | IgG1                   |
| <b>Clone Names</b>           | 4A3                    |
| <b>Calculated MW</b>         | 45057                  |
| <b>Concentration (mg/ml)</b> | 1 mg/ml                |

## Additional Information

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|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                      | 5972                                                                                                                                 |
| <b>Alias Symbol</b>                 | REN                                                                                                                                  |
| <b>Other Names</b>                  | REN, Angiotensin-forming enzyme, Angiotensinogenase, HNFJ2, RENAA, Renin precursor, renal, Renin                                     |
| <b>Target/Specificity</b>           | Human REN / Renin 1                                                                                                                  |
| <b>Reconstitution &amp; Storage</b> | Immunoaffinity purified                                                                                                              |
| <b>Precautions</b>                  | Anti-REN / Renin 1 Antibody (aa131-406, clone 4A3) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| <b>Name</b>              | REN                                                                                                                                                                                                                                                              |
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | Secreted. Membrane. Note=Associated to membranes via binding to ATP6AP2.                                                                                                                                                                                         |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.