

## Rabbit anti-Human Renin receptor Polyclonal Antibody | anti-ATP6AP2 antibody

Rabbit anti-human Renin receptor polyclonal Antibody, FITC

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS |
|-----------|--------|------------|--------------|
| AAA118426 | Rabbit | Human      | ELISA        |

### PRODUCT SYNONYMS

Renin receptor; Polyclonal Antibody; Rabbit anti-human Renin receptor polyclonal Antibody; FITC; ATPase H(+)-transporting lysosomal accessory protein 2; ATPase H(+)-transporting lysosomal-interacting protein 2; ER-localized type I transmembrane adaptor; Embryonic liver differentiation factor 10; N14F; Renin/prorenin receptor; Vacuolar ATP synthase membrane sector-associated protein M8-9; HT028; MSTP009; PSEC0072; ATP6IP2; CAPER; ELDF10; ATP6AP2; anti-ATP6AP2 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                           |
| Reactivity                                        | Human                                                                            |
| Clonality                                         | Polyclonal                                                                       |
| Isotype                                           | IgG                                                                              |
| Purity/Purification                               | >95%, Protein G purified                                                         |
| Form/Format                                       | Liquid                                                                           |
| Sequence Length                                   | 350                                                                              |
| Applicable Applications for anti-ATP6AP2 antibody | ELISA                                                                            |
| Storage Buffer                                    | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| Conjugate                                         | FITC                                                                             |
| Immunogen                                         | Recombinant human Renin receptor protein(17-350AA)                               |
| Immunogen Species                                 | Homo Sapiens (Human)                                                             |
| Research Area                                     | Signal Transduction                                                              |
| Target Names                                      | ATP6AP2                                                                          |
| Preparation and Storage                           | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                    |

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ATP6AP2 antibody | Functions as a renin and prorenin cellular receptor. May mediate renin-dependent cellular responses by activating ERK1 and ERK2. By increasing the catalytic efficiency of renin in AGT/angiotensinogen conversion to angiotensin I, it may also play a role in the renin-angiotensin system (RAS). |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 15011918    |
| NCBI GeneID      | 10159       |
| NCBI Accession # | NP_005756.2 |

|                                  |                                                                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_005765.2</a>                                                                                                                                                                                                                             |
| UniProt Accession #              | <a href="#">O75787</a> ; <a href="#">Q5QTQ7</a> ; <a href="#">Q6T7F5</a> ; <a href="#">Q8NBP3</a> ; <a href="#">Q8NG15</a> ; <a href="#">Q96FV6</a> ; <a href="#">Q96LB5</a> ; <a href="#">Q9H2P8</a> ; <a href="#">Q9UG89</a> ; <a href="#">B7Z9I3</a> |
| Molecular Weight                 | 35,612 Da                                                                                                                                                                                                                                               |
| NCBI Official Full Name          | renin receptor                                                                                                                                                                                                                                          |
| NCBI Official Synonym Full Names | ATPase, H+ transporting, lysosomal accessory protein 2                                                                                                                                                                                                  |
| NCBI Official Symbol             | ATP6AP2                                                                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | PRR; M8-9; MRXE; RENR; XMRE; XPDS; HT028; MRXSH; ELDF10; ATP6IP2; MSTP009; APT6M8-9; ATP6M8-9                                                                                                                                                           |
| NCBI Protein Information         | renin receptor                                                                                                                                                                                                                                          |
| UniProt Protein Name             | Renin receptor                                                                                                                                                                                                                                          |
| UniProt Gene Name                | <b>ATP6AP2</b>                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | ATP6IP2; CAPER; ELDF10; ATP6M8-9; V-ATPase M8.9 subunit                                                                                                                                                                                                 |
| UniProt Entry Name               | RENR_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/renin-receptor-antibody-elisa/118426>