

## Rabbit RHEB Polyclonal Antibody | anti-RHEB antibody

RHEB antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                                     | APPLICATIONS                       |
|-----------|--------|--------------------------------------------------------------------------------|------------------------------------|
| AAA200637 | Rabbit | Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish | Immunohistochemistry, Western Blot |

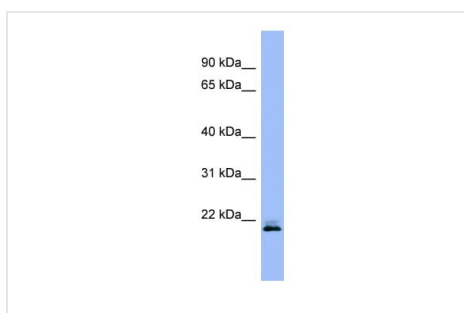
### PRODUCT SYNONYMS

RHEB; Polyclonal Antibody; RHEB antibody - middle region; anti-RHEB antibody

### PRODUCT SPECIFICATIONS

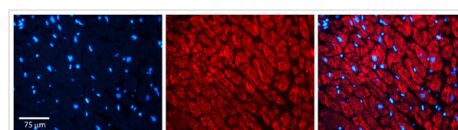
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: VG KVPIMLVG NKKDLHMERV ISYEEGKALA ESWNAAFLES SAKENQTA                                                    |
| Sequence Length                                | 184                                                                                                                                                   |
| Applicable Applications for anti-RHEB antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                       | Cow: 100%; Dog: 100%; Goat: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 93%        |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human RHEB                                                                 |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-RHEB Antibody Titration: 0.2-1 ug/mL  
 ELISA Titer: 1:31250  
 Positive Control: Human Muscle



#### IHC (Immunohistochemistry)

Rabbit Anti-RHEB Antibody  
 Formalin Fixed Paraffin Embedded Tissue: Human heart  
 Tissue Observed Staining: Cytoplasmic  
 Primary Antibody Concentration: N/A  
 Other Working Concentrations: 1:600  
 Secondary Antibody: Donkey anti-Rabbit-Cy3  
 Secondary Antibody Concentration: 1:200  
 Magnification: 20X  
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RHEB antibody | <p>This is a rabbit polyclonal antibody against RHEB. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: This gene is a member of the small GTPase superfamily and encodes a lipid-anchored, cell membrane protein with five repeats of the RAS-related GTP-binding region. This protein is vital in regulation of growth and cell cycle progression due to its role in</p> |
| Product Categories/Family for anti-RHEB antibody   | Polyclonal; Lymphocyte Signaling                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 5032041                     |
| NCBI GeneID                      | 6009                        |
| NCBI Accession #                 | NP_005605                   |
| NCBI GenBank Nucleotide #        | NM_005614                   |
| UniProt Accession #              | Q15382                      |
| Molecular Weight                 | 20kDa                       |
| NCBI Official Full Name          | GTP-binding protein Rheb    |
| NCBI Official Synonym Full Names | Ras homolog, mTORC1 binding |
| NCBI Official Symbol             | RHEB                        |
| NCBI Official Synonym Symbols    | RHEB2                       |
| NCBI Protein Information         | GTP-binding protein Rheb    |
| UniProt Protein Name             | GTP-binding protein Rheb    |
| UniProt Gene Name                | RHEB                        |
| UniProt Synonym Gene Names       | RHEB2                       |
| UniProt Entry Name               | RHEB_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://stage.aaabiotech.com/polyclonal/rheb-antibody-immunohistochemistry-western-blot-elisa/200637>