

## Rabbit Integrin beta4 Polyclonal Antibody | anti-ITGB4 antibody

Integrin beta4 Polyclonal Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA296297</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

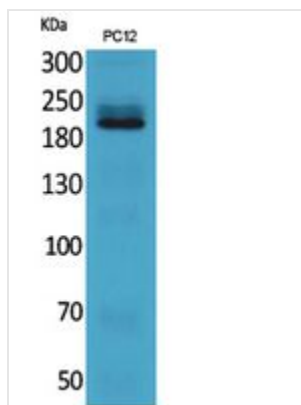
### PRODUCT SYNONYMS

Integrin beta4; Polyclonal Antibody; Integrin beta4 Polyclonal Antibody; ITGB4; Integrin beta-4; GP150; CD104; anti-ITGB4 antibody

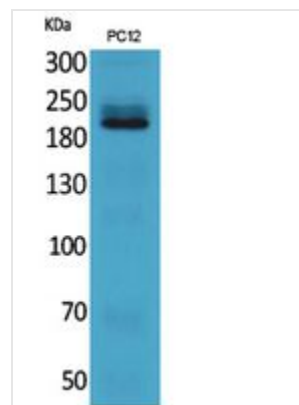
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-ITGB4 antibody | WB (Western Blot)                                                                                                                                     |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.


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### ADDITIONAL INFORMATION

#### Related Product Information for anti-ITGB4 antibody

Integrin alpha-6/beta-4 is a receptor for laminin. Plays a critical structural role in the hemidesmosome of epithelial cells. Is required for the regulation of keratinocyte polarity and motility. ITGA6: ITGB4 binds to NRG1 (via EGF domain) and this binding is essential for NRG1-ERBB signaling (PubMed:20682778). ITGA6: ITGB4 binds to IGF1 and this binding is essential for IGF1 signaling (PubMed:22351760). ITGA6: ITGB4 binds to IGF2 and this binding is essential for IGF2 signaling (PubMed:28873464).

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 54607035 |
| NCBI GeneID | 3691     |

|                                  |                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_000204.3</a>                                                                                                                                                                           |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000213.3</a>                                                                                                                                                                           |
| UniProt Accession #              | <a href="#">P16144</a> ; <a href="#">O14690</a> ; <a href="#">O14691</a> ; <a href="#">O15339</a> ; <a href="#">O15340</a> ; <a href="#">O15341</a> ; <a href="#">Q9UIQ4</a> ; <a href="#">A0AVL6</a> |
| Molecular Weight                 | 202,167 Da                                                                                                                                                                                            |
| NCBI Official Full Name          | integrin beta-4 isoform 1                                                                                                                                                                             |
| NCBI Official Synonym Full Names | integrin, beta 4                                                                                                                                                                                      |
| NCBI Official Symbol             | ITGB4                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | CD104                                                                                                                                                                                                 |
| NCBI Protein Information         | integrin beta-4; GP150; CD104 antigen; integrin beta-4 subunit                                                                                                                                        |
| UniProt Protein Name             | Integrin beta-4                                                                                                                                                                                       |
| UniProt Gene Name                | <b>ITGB4</b>                                                                                                                                                                                          |
| UniProt Entry Name               | ITB4_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/integrin-beta4-antibody-western-blot-elisa/296297>