

## Rabbit ITGB5 Polyclonal Antibody | anti-ITGB5 antibody

ITGB5 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA169113</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

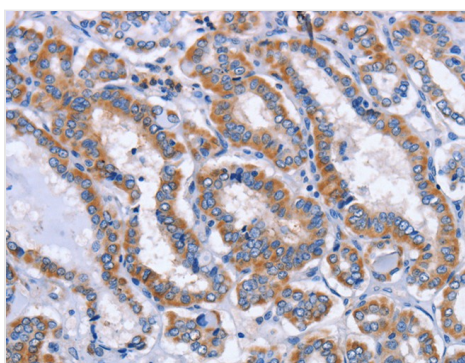
### PRODUCT SYNONYMS

ITGB5; Polyclonal Antibody; ITGB5 Polyclonal Antibody; anti-ITGB5 antibody

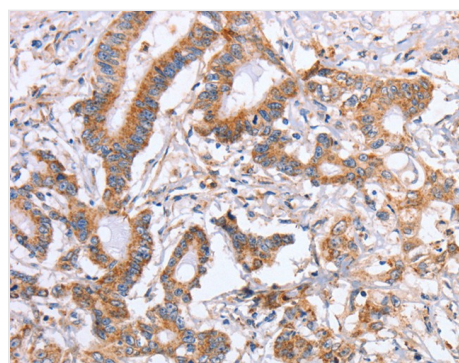
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 1mg/mL (varies by lot)                                                                    |
| Sequence Length                                 | 799                                                                                       |
| Applicable Applications for anti-ITGB5 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                       | Recombinant protein of human ITGB5                                                        |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ITGB5 Polyclonal Antibody at dilution 1:25


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ITGB5 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Related Product Information for anti-ITGB5 antibody | Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. |
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NCBI AND UNIPROT INFORMATION

|                                  |                  |
|----------------------------------|------------------|
| NCBI GI #                        | 20127446         |
| NCBI GeneID                      | 3693             |
| NCBI Accession #                 | NP_002204.2      |
| NCBI GenBank Nucleotide #        | NM_002213.4      |
| Molecular Weight                 | 88,054 Da        |
| NCBI Official Full Name          | integrin beta-5  |
| NCBI Official Synonym Full Names | integrin, beta 5 |
| NCBI Official Symbol             | ITGB5            |
| NCBI Protein Information         | integrin beta-5  |
| UniProt Protein Name             | Integrin beta-5  |
| UniProt Gene Name                | ITGB5            |
| UniProt Entry Name               | ITB5_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/itgb5-antibody-immunohistochemistry-elisa/169113>