

## Rabbit ITGA5 Polyclonal Antibody | anti-ITGA5 antibody

ITGA5 Rabbit Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA313928</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

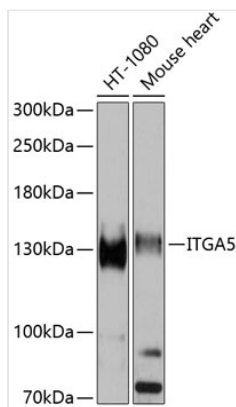
### PRODUCT SYNONYMS

ITGA5; Polyclonal Antibody; ITGA5 Rabbit Polyclonal Antibody; CD49e; FNRA; VLA-5; VLA5A; Integrin alpha 5; anti-ITGA5 antibody

### PRODUCT SPECIFICATIONS

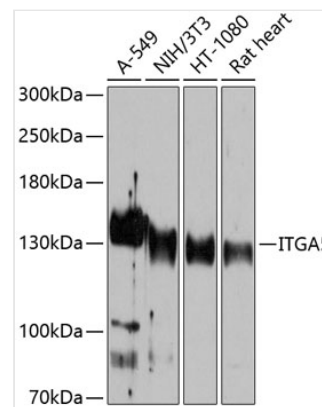
|                                                 |                                                           |
|-------------------------------------------------|-----------------------------------------------------------|
| Host                                            | Rabbit                                                    |
| Reactivity                                      | Human, Mouse, Rat                                         |
| Clonality                                       | Polyclonal                                                |
| Isotype                                         | IgG                                                       |
| Purity/Purification                             | Affinity purification                                     |
| Form/Format                                     | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Applicable Applications for anti-ITGA5 antibody | IF (Immunofluorescence), WB (Western Blot)                |
| Immunogen                                       | Recombinant fusion protein of human ITGA5 (NP_002196.4).  |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.          |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ITGA5 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ITGA5 at 1:1000 dilution.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ITGA5 antibody | The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 5 subunit. This subunit associates with the beta 1 subunit to form a fibronectin receptor. This integrin may promote tumor invasion, and higher expression of this gene may be correlated with shorter survival time in lung cancer patients. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes. |
| Product Categories/Family for anti-ITGA5 antibody   | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 56237029                                                                                                                                                                                             |
| NCBI GeneID                      | 3678                                                                                                                                                                                                 |
| NCBI Accession #                 | NP_002196.2                                                                                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_002205.2                                                                                                                                                                                          |
| UniProt Accession #              | P08648; Q96HA5                                                                                                                                                                                       |
| Molecular Weight                 | 114,536 Da                                                                                                                                                                                           |
| NCBI Official Full Name          | integrin alpha-5                                                                                                                                                                                     |
| NCBI Official Synonym Full Names | integrin, alpha 5 (fibronectin receptor, alpha polypeptide)                                                                                                                                          |
| NCBI Official Symbol             | ITGA5                                                                                                                                                                                                |
| NCBI Official Synonym Symbols    | FNRA; CD49e; VLA5A                                                                                                                                                                                   |
| NCBI Protein Information         | integrin alpha-5; VLA-5; integrin alpha-F; CD49 antigen-like family member E; fibronectin receptor subunit alpha; fibronectin receptor, alpha subunit; very late activation protein 5, alpha subunit |
| UniProt Protein Name             | Integrin alpha-5                                                                                                                                                                                     |
| UniProt Gene Name                | ITGA5                                                                                                                                                                                                |
| UniProt Synonym Gene Names       | FNRA                                                                                                                                                                                                 |
| UniProt Entry Name               | ITA5_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/itga5-antibody-immunofluorescence-western-blot-elisa/313928>