

## Product datasheet for **TA361145**

### Integrin alpha 3 (ITGA3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ITGA3
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	82 kDa
Gene Name:	integrin subunit alpha 3
Database Link:	<a href="#">NP_002195.1</a> <a href="#">Entrez Gene 3675 Human</a> <a href="#">Q59F03</a>
Background:	The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function as cell surface adhesion molecules. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 3 subunit. This subunit joins with a beta 1 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. Expression of this gene may be correlated with breast cancer metastasis.



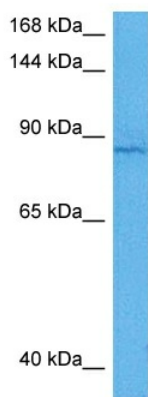
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**Synonyms:** CD49C; FLJ34631; FLJ34704; FRP-2; GAP-B3; GAPB3; MSK18; VCA-2; VL3A; VLA3a

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hematopoietic cell lineage, Hypertrophic cardiomyopathy (HCM), Pathways in cancer, Regulation of actin cytoskeleton, Small cell lung cancer

## Product images:



Host: Rabbit  
 Target Name: ITGA3  
 Sample Type: 293T Cell Lysate  
 Antibody Dilution: 1.0µg/ml

Host: Rabbit  
 Target Name: ITGA3  
 Sample Tissue: Human 293T Whole Cell lysates  
 Antibody Dilution: 1ug/ml