

**Name:** Rabbit Polyclonal Anti-ITGAV Antibody  
**Product Data Sheet - ANTIBODY**

**Catalog:** TA338302

<b>Components:</b>	• Rabbit Polyclonal Anti-ITGAV Antibody (TA338302)
<b>Amount:</b>	50ug
<b>Immunogen:</b>	The immunogen for anti-ITGAV antibody is: synthetic peptide directed towards the C-terminal region of Human ITGAV. Synthetic peptide located within the following region: PVWVILAVLAGLLLLAVLVFVMYRMGFFKRVPPQEEQEREQLQPHENG
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Species Reactivity:</b>	Mouse, Pig, Human, Sheep, Rat, Bovine, Dog, Horse, Rabbit, Guinea pig, Goat
<b>Guaranteed Applications:</b>	WB
<b>Suggested Dilutions:</b>	WB
<b>Concentration:</b>	Lot dependent; please refer to CoA along with shipment
<b>Buffer:</b>	azide and 2% sucrose.
<b>Purification:</b>	Affinity Purified
<b>Storage Condition:</b>	Shipped at -20C or with ice packs. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

## Target

<b>Target Name:</b>	Homo sapiens integrin subunit alpha V (ITGAV), transcript variant 2
<b>Alternative Name:</b>	CD51; MSK8; VNRA; VTNR
<b>Database Link:</b>	<a href="#">NP_001138471</a> <a href="#">Entrez Gene 3685 Human</a> <a href="#">Entrez Gene 16410 Mouse</a> <a href="#">Entrez Gene 296456 Rat</a> <a href="#">Entrez Gene 0 Monkey</a> <a href="#">Entrez Gene 488437 Dog</a>

***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***

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**Function:**

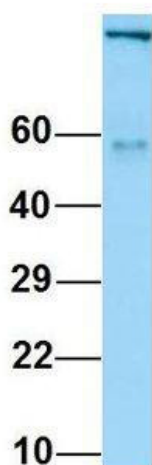
ITAGV encodes integrin alpha chain V. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The I-domain containing integrin alpha V undergoes post-translational cleavage to yield disulfide-linked heavy and light chains, that combine with multiple integrin beta chains to form different integrins. Among the known associating beta chains (beta chains 1,3,5,6, and 8; 'ITGB1', 'ITGB3', 'ITGB5', 'ITGB6', and 'ITGB8'), each can interact with extracellular matrix ligands; the alpha V beta 3 integrin, perhaps the most studied of these, is referred to as the Vitronectin receptor (VNR). In addition to adhesion, many integrins are known to facilitate signal transduction. Alternative splicing results in multiple transcript variants.

## Validation Data



WB Suggested Anti-ITGAV Antibody; Titration: 1.0 ug/ml; Positive Control: PANC1 Whole Cell

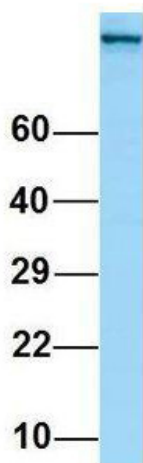
## ITGAV



Rabbit Anti-ITGAV  
Sample Type: Human Fetal Heart  
Antibody Concentration: 1ug/mL

Host:Rabbit; Target Name:ITGAV; Sample  
Tissue:Human Fetal Heart; Antibody Dilution: 1.0 ug/ml

## ITGAV



Rabbit Anti-ITGAV  
Sample Type: Human Fetal Lung  
Antibody Concentration: 1ug/mL

Host:Rabbit; Target Name:ITGAV; Sample  
Tissue:Human Fetal Lung; Antibody Dilution: 1.0 ug/ml

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