ITGAV polyclonal antibody

Catalog # PAB5415 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ITGAV.
Immunogen	A synthetic peptide corresponding to C-terminus of human ITGAV.
Host	Rabbit
Reactivity	Chicken, Human, Mouse
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

Gene Info — ITGAV

Entrez GeneID	3685
Gene Name	ITGAV

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Alias	CD51, DKFZp686A08142, MSK8, VNRA
Gene Description	integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)
Omim ID	193210
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	Integrin, alpha-V (vitronectin receptor, alpha polypeptide)|antigen identified by monoclonal antibody L230|integrin alpha-V

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Cell adhesion molecules (CAMs)
- ECM-receptor interaction
- Focal adhesion
- Hypertrophic cardiomyopathy (HCM)
- Pathways in cancer
- Regulation of actin cytoskeleton
- Small cell lung cancer

Disease

- Anemia
- Arthritis
- Breast cancer

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hepatitis B
- Ovarian Neoplasms
- Priapism
- Thalassemia
- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.