

ITGA5 polyclonal antibody

Catalog # PAB5414

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ITGA5.
Immunogen	A synthetic peptide corresponding to C-terminus of human ITGA5.
Host	Rabbit
Reactivity	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 should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ITGA5

Entrez GeneID [3678](#)

Gene Name ITGA5

Gene Alias	CD49e, FNRA, VLA5A
Gene Description	integrin, alpha 5 (fibronectin receptor, alpha polypeptide)
Omim ID	135620
Gene Ontology	Hyperlink
Gene Summary	<p>The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes the integrin alpha 5 chain. Alpha chain 5 undergoes post-translational cleavage in the extracellular domain to yield disulfide-linked light and heavy chains that join with beta 1 to form a fibronectin receptor. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.</p> <p>[provided by RefSeq]</p>
Other Designations	fibronectin receptor, alpha subunit integrin alpha 5 very late activation protein 5, alpha subunit

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hematopoietic cell lineage](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Tobacco Use Disorder](#)