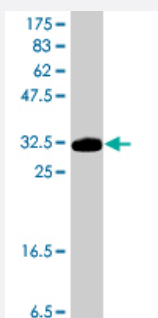


ITGA11 polyclonal antibody (A01)

Catalog # H00022801-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.22 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ITGA11.
Immunogen	ITGA11 (NP_001004439, 793 a.a. ~ 893 a.a) partial recombinant protein with GST tag.
Sequence	LDARSDLPTAMEYCQRVLRKPAQDCSAYTLSFDTTVFIIESTRQRVAVEATLENRGENAYSTVLNIS QSANLQFASLIQKEDSDGSIIECVNEERRLQKQVC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (87)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.22 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ITGA11

Entrez GeneID [22801](#)

GeneBank Accession# [NM_001004439](#)

Protein Accession# [NP_001004439](#)

Gene Name ITGA11

Gene Alias HsT18964

Gene Description integrin, alpha 11

Omim ID [604789](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an alpha integrin. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein contains an I domain, is expressed in muscle tissue, dimerizes with beta 1 integrin in vitro, and appears to bind collagen in this form. Therefore, the protein may be involved in attaching muscle tissue to the extracellular matrix. Alternative transcriptional splice variants have been found for this gene, but their biological validity is not determined. [provided by RefSeq]

Other Designations -

Publication Reference

- [TGF-beta enhances the integrin alpha2beta1-mediated attachment of mesenchymal stem cells to type I collagen.](#)

Warstat K, Meckbach D, Weis-Klemm M, Hack A, Klein G, de Zwart P, Aicher WK.

Stem Cells and Development 2010 May; 19(5):645.

Application: Flow Cyt, Human, Mesenchymal stem cells

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)