



Anti-ITGA11 (aa 793-893) polyclonal antibody (DPAB-DC1000)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	ITGA11 (NP_001004439, 793 a.a. ~ 893 a.a) partial recombinant protein with GST tag. The sequence is LDARSDLPTAMEYCQRVLRKPAQDCSAYTLSFDTTVFIIESTRQRVAVEATLENRGENAY STVLNISQSANLQFASLIQKEDSDGSIECVNEERRLQKQVC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ITGA11 integrin, alpha 11 [Homo sapiens (human)]
Official Symbol	ITGA11
Synonyms	ITGA11; integrin, alpha 11; HsT18964; integrin alpha-11;
Entrez Gene ID	22801
Protein Refseq	NP_001004439
UniProt ID	B3KTN6
Chromosome Location	15q23
Pathway	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Dilated cardiomyopathy; ECM-receptor interaction.
Function	collagen binding; metal ion binding;