



Anti-ITGB3 (aa 27-136) polyclonal antibody (DPAB-DC1745)

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

PRODUCT INFORMATION

Antigen Description	The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.
Immunogen	ITGB3 (NP_000203, 27 a.a. ~ 136 a.a) partial recombinant protein with GST tag. The sequence is GPNICTTRGVSSCQQCLAVSPMCAWCSDEALPLGSPRCDLKENLLKDNCAPESIEFPVSE ARVLEDRPLSDKSGDSSQVTQVSPQRIALRLRPDDSKNFSIQVRQVEDY
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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	ITGB3 integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61) [Homo sapiens (human)]
Official Symbol	ITGB3
Synonyms	ITGB3; integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61); GT; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16; integrin beta-3; platelet membrane glycoprotein IIIa;
Entrez Gene ID	3690
Protein Refseq	NP_000203
UniProt ID	P05106
Chromosome Location	17q21.32
Pathway	Arf6 signaling events; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Axon guidance; Developmental Biology
Function	cell adhesion molecule binding; identical protein binding; platelet-derived growth factor receptor binding; protein binding