



Mouse anti-Human CTNNA3 monoclonal antibody, clone 4G52C22 (CABT-B10045)

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

PRODUCT INFORMATION

Immunogen	CTNNA3 (AAH22004, 1 a.a. ~ 590 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4G52C22
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	MSAETPITLNIDPQDLQVQFTVEKLLLEPLIIQVTTLVNCPQNPSSRKKGRSKRASVLLA SVEEATWNLLDKGEKIAQEATVLKDELTASLEKVRKESEALKVSAERFTDDPCFLPKREA VVQAARALLAAVTRLLILADMIDVMCLLQHVSFAFQRTFESLKNVANKSDLQKTYQKLGKE LENLDYLAFKRQQDLKSPNQRDEIAGARASLKENSPLLHSICSACLEHSDVASLKASKDT VCEEIQNALNVISNA
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a protein that belongs to the vinculin/alpha-catenin family. The encoded protein plays a role in cell-cell adhesion in muscle cells. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia, familial 13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]
Keywords	CTNNA3; catenin (cadherin-associated protein), alpha 3; VR22; ARVD13; catenin alpha-3; alpha-T-catenin; alpha-catenin-like protein;

GENE INFORMATION

Entrez Gene ID	29119
UniProt ID	Q9UI47
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem
Function	cadherin binding; cadherin binding; protein binding; structural molecule activity