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Datasheet for ABIN7145527 anti-SGCB antibody (AA 124-219)

2 Images



Overview

Quantity:	100 µg
Target:	SGCB
Binding Specificity:	AA 124-219
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGCB antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

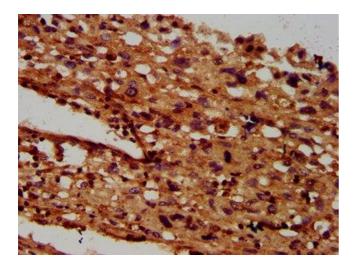
Immunogen:	Recombinant Human Beta-sarcoglycan protein (124-219AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

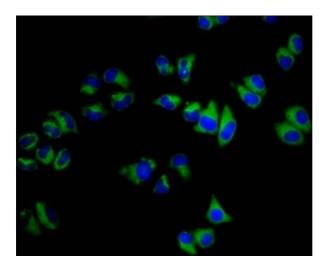
Target Details

Target:	SGCB
Alternative Name:	SGCB (SGCB Products)
Background:	Background: Component of the sarcoglycan complex, a subcomplex of the dystrophin-
	glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular

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	matrix.
	Aliases: 43 kDa dystrophin associated glycoprotein antibody, 43 kDa dystrophin-associated
	glycoprotein antibody, 43DAG antibody, A3b antibody, Beta SG antibody, Beta-sarcoglycan
	antibody, Beta-SG antibody, dystrophin-associated glycoprotein, 43-kD antibody, LGMD2E
	antibody, Limb girdle muscular dystrophy 2E (non linked families) antibody, Sarcoglycan beta
	antibody, sarcoglycan, beta (43 kDa dystrophin-associated glycoprotein) antibody, SGC
	antibody, SGCB antibody, SGCB_HUMAN antibody
UniProt:	Q16585
Pathways:	Myometrial Relaxation and Contraction, Maintenance of Protein Location
Application Details	
Application Notes:	Recommended dilution: IHC:1:500-1:1000, IF:1:200-1:500,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunohistochemistry

Image 1. IHC image of ABIN7145527 diluted at 1:600 and staining in paraffin-embedded human melanoma performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunofluorescence

Image 2. Immunofluorescence staining of Hela cells with ABIN7145527 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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