

Datasheet for ABIN6139837
anti-Desmoplakin antibody (AA 2750-2850)



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1 Image

Overview

Quantity:	100 µL
Target:	Desmoplakin (DSP)
Binding Specificity:	AA 2750-2850
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmoplakin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 2750-2850 of human Desmoplakin (NP_004406.2).
Sequence:	AIRKGFIDGR AAQLQDTSS YAKILTCPKT KLKISYKDAI NRSMVEDITG LRLLEAASVS SKGLPSPYNM SSAPGSRSGS RSGSRSGSRS GSRSGSRRGS F
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

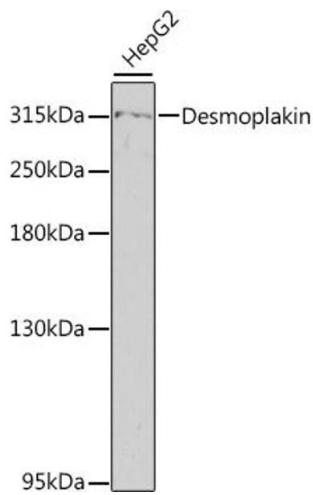
Target:	Desmoplakin (DSP)
Alternative Name:	DSP (DSP Products)
Background:	This gene encodes a protein that anchors intermediate filaments to desmosomal plaques and forms an obligate component of functional desmosomes. Mutations in this gene are the cause of several cardiomyopathies and keratodermas, including skin fragility-woolly hair syndrome. Alternative splicing results in multiple transcript variants.,DCWHKTA,DP,DSP,Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,DSP
Molecular Weight:	260 kDa/278 kDa/331 kDa
Gene ID:	1832
UniProt:	P15924
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of HepG2 cells, using Desmoplakin antibody (ABIN6134105, ABIN6139837, ABIN6139839 and ABIN6217243) at 1:800 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.