

Datasheet for ABIN6139540
anti-Desmin antibody (AA 1-200)



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1 Image

Overview

Quantity:	100 µL
Target:	Desmin (DES)
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human Desminmin (NP_001918.3).
Sequence:	MSQAYSSSQ R VSSYRRTFGG APGFPLGSPL SSPVFPRAGF GSKGSSSSVT SRVYQVSRTS GGAGGLGSLR ASRLGTTTRTP SSGAGELL D FSLADAVNQE FLTTRTNEKV ELQELNDRFA NYIEKVRFL E QQNAALAAEV NRLKGREPTR VAELYEEELR ELRRQVEVLT NQRARVDVER DNLLDDLQRL KAKLQEEIQL
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

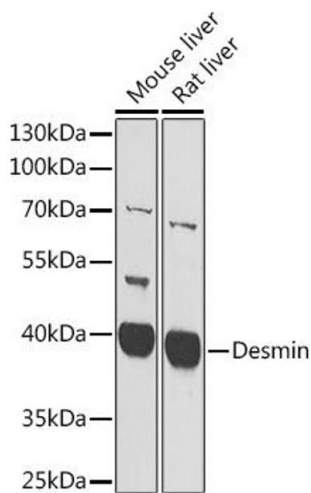
Target:	Desmin (DES)
Alternative Name:	DES (DES Products)
Background:	This gene encodes a muscle-specific class III intermediate filament. Homopolymers of this protein form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. Mutations in this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies.,DES,CSM1,CSM2,LGMD2R,desmin,Desmin,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Intermediate Filaments,Extracellular Matrix,Stem Cells,Mesenchymal Stem Cells,Cardiovascular,Heart,Cardiac arrhythmias,DES
Molecular Weight:	53 kDa
Gene ID:	1674
UniProt:	P17661

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
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 C2C12 cells, using Desmin antibody at 1:400 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 Basic Kit (RM00020). Exposure time: 30s.