

# Desmin Polyclonal Antibody

Catalog Number: E-AB-70179

1 Publications



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

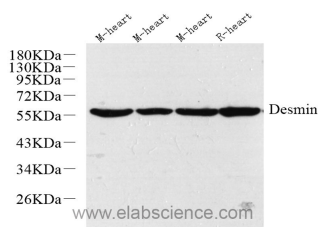
## Description

<b>Reactivity</b>	Mouse, Rat
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse desmin
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

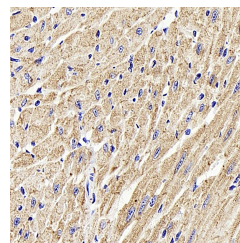
<b>WB</b>	1:1000-1:2000
<b>IHC</b>	1:500-1:1000

## Data

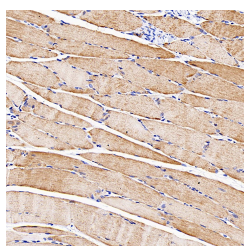


Western Blot analysis of various samples using Desmin Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:55kDa**  
**Calculated Mw:54kDa**



Immunohistochemistry analysis of paraffin-embedded mouse heart using Desmin Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded rat skeletal muscle using Desmin Polyclonal Antibody at dilution of 1:1000.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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

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