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Datasheet for ABIN736566

## anti-Desmin antibody (AA 261-360)

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### Overview

Quantity:	100 µL
Target:	Desmin (DES)
Binding Specificity:	AA 261-360
Reactivity:	Human, Mouse, Rat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Desmin
Isotype:	IgG
Cross-Reactivity:	Chicken, Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

### Target Details

Target:	Desmin (DES)
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## Target Details

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Alternative Name:	Desmin ( <a href="#">DES Products</a> )
Background:	Synonyms: CSM1, CSM2, LGMD2R, Desmin, DES Background: Desmin are class-III intermediate filaments found in muscle cells. In adult striated muscle they form a fibrous network connecting myofibrils to each other and to the plasma membrane from the periphery of the Z-line structures.
Gene ID:	1674
UniProt:	<a href="#">P17661</a>

## Application Details

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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Publications

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Product cited in: Li, Xiong, Gong: "Lyn kinase enhanced hepatic fibrosis by modulating the activation of hepatic

stellate cells." in: **American journal of translational research**, Vol. 9, Issue 6, pp. 2865-2877, (2017) ([PubMed](#)).

Ersel, Uyanikgil, Karbek Akarca, Ozcete, Altunci, Karabey, Cavusoglu, Meral, Yigitturk, Oyku Cetin: "Effects of Silk Sericin on Incision Wound Healing in a Dorsal Skin Flap Wound Healing Rat Model." in: **Medical science monitor : international medical journal of experimental and clinical research**, Vol. 22, pp. 1064-78, (2016) ([PubMed](#)).

Ruan, Zhu, Yin, Chen: "Inhibitor of p53-p21 pathway induces the differentiation of human umbilical cord derived mesenchymal stem cells into cardiomyogenic cells." in: **Cytotechnology**, Vol. 68, Issue 4, pp. 1257-65, (2016) ([PubMed](#)).

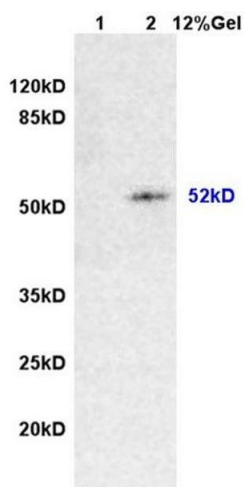
Liu, Nelson, Cromeens, Rager, Lannutti, Johnson, Besner: "HB-EGF embedded in PGA/PLLA scaffolds via subcritical CO2 augments the production of tissue engineered intestine." in: **Biomaterials**, Vol. 103, pp. 150-9, (2016) ([PubMed](#)).

Liu, Rager, Johnson, Enmark, Besner: "Enriched Intestinal Stem Cell Seeding Improves the Architecture of Tissue Engineered Intestine." in: **Tissue engineering. Part C, Methods**, (2015) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

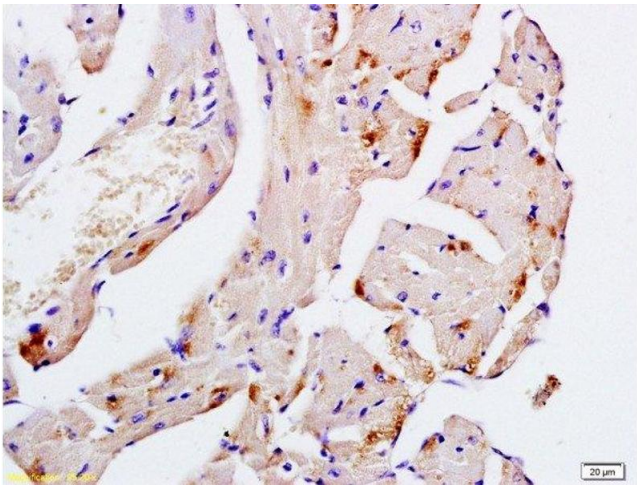
## Images

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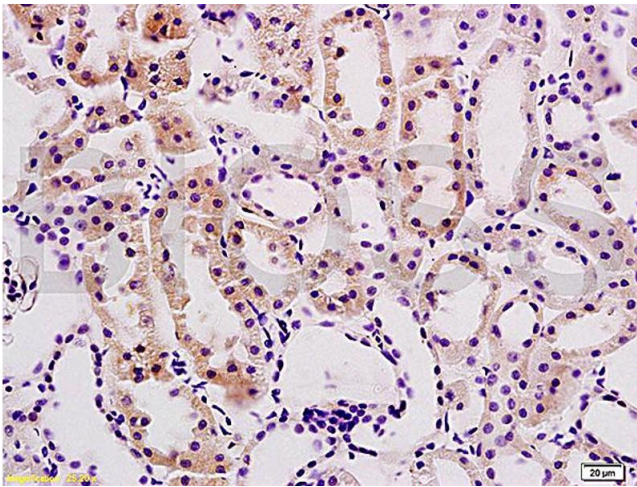
### SDS-PAGE

**Image 1.** L1 rat brain lysates L2 rat intestine lysates probed with Anti Desmin/DES Polyclonal Antibody, Unconjugated (ABIN736566) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 52kD. Observed band size:52kD.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin embedded mouse heart tissue labeled with Anti-Desmin Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin embedded rat kidney tissue labeled with Anti-Desmin Polyclonal Antibody, Unconjugated (ABIN736566) at 1:200, followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN736566.