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# Desmuslin Rabbit pAb

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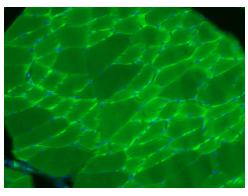
|---|---|
| Catalog Number: | bs-8555R |
| Target Protein: | Desmuslin |
| Concentration: | 1mg/ml |
| Form: | Liquid |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Isotype: | IgG |
| Applications: | IHC-P (1:100-500), IHC-F (1:100-500), IF (1:200-800) |
| Reactivity: | Rat (predicted:Human, Mouse, Rabbit, Pig, Cow) |
| Predicted MW: | 172 kDa |
| Subcellular Locations: | Cell membrane ,Nucleus |
| Entrez Gene: | 23336 |
| Swiss Prot: | O15061 |
| Source: | KLH conjugated synthetic peptide derived from human Desmuslin: 501-650/1565. |
| Purification: | affinity purified by Protein A |
| Storage: | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Background: | The protein encoded by this gene is an intermediate filament (IF) family member. IF proteins are cytoskeletal proteins that confer resistance to mechanical stress and are encoded by a dispersed multigene family. This protein has been found to form a linkage between desmin, which is a subunit of the IF network, and the extracellular matrix, and provides an important structural support in muscle. Two alternatively spliced variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]. |

## VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Desmuslin) Polyclonal Antibody, Unconjugated (bs-8555R) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-FITC) for 90 minutes, and DAPI for nuclei staining.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=15.887] Weihl, Conrad C.. et al. Loss of function variants in DNAJB4 cause a myopathy with early respiratory failure. ACTA NEUROPATHOL. 2022 Oct;:1-17 WB ; Mouse . 36264506

[IF=6.39] Bengoechea, Rocio, et al. "Myofibrillar disruption and RNA binding protein aggregation in a mouse model of limb girdle muscular dystrophy 1D." Human Molecular Genetics (2015): ddv363. WB ; ="Mouse" . 26362252

[IF=6.183] Jipeng Jiang. et al. 3D printing collagen/heparin sulfate scaffolds boost neural network reconstruction and motor function recovery after traumatic brain injury in canine. Biomater Sci-Uk. 2020 Nov;8(22):6362-6374 IF ; Dog . 33026366

[IF=4.902] Bengoechea et al. Myofibrillar disruption and RNA-binding protein aggregation in a mouse model of limb-girdle muscular dystrophy 1D. (2015) Hum.Mol.Genet. 24:6588-602 WB ; Mouse . 26362252