

Desmin Antibody (T16)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP2751a

Product Information

Application WB, IHC-P, E **Primary Accession** P17661

Other Accession P48675, P02540, P31001, O62654

Reactivity Human

Predicted Bovine, Mouse, Pig, Rat

HostRabbitClonalityPolyclonalIsotypeRabbit IgGClone NamesRB15195Antigen Region1-30

Additional Information

Other Names Desmin, DES

Target/Specificity This Desmin antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 1-30 amino acids from human Desmin.

Dilution WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This

antibody is purified through a protein A column, followed by peptide affinity

purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions Desmin Antibody (T16) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

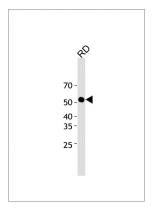
Background

Desmin is 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 the gene encoding desmin are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies.

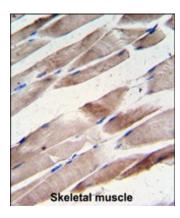
References

Ariza, A., Hum. Pathol. 26 (9), 1032-1037 (1995) Li, Z.L., Gene 78 (2), 243-254 (1989)

Images



All lanes: Anti-Desmin Antibody at 1:2000 dilution + RD whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 54 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.