

Goat DESMIN Polyclonal Antibody | anti-DES antibody

GOAT ANTI HUMAN DESMIN (C-TERMINAL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50043	Goat	Bovine (Expected from Sequence), Dog (Expected from Sequence), Mouse, Pig (Expected from Sequence), Rat	Western Blot, Immunohistochemistry, ELISA

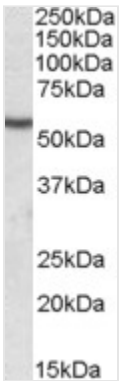
PRODUCT SYNONYMS

DESMIN; Polyclonal Antibody; GOAT ANTI HUMAN DESMIN (C-TERMINAL); anti-DES antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bovine (Expected from Sequence), Dog (Expected from Sequence), Mouse, Pig (Expected from Sequence), Rat
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	470
Applicable Applications for anti-DES antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Histology Positive Control Tissue	Human prostate Buffer Solution
Antiserum Preparation	Antiserum to human Desmin (CT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Human skeletal muscle cell lysate probed with Goat anti Human Desmin C-Terminal (AAA50043)

ADDITIONAL INFORMATION

Related Product Information for anti-DES antibody	Goat anti Human Desmin antibody recognizes an epitope within the C-terminal (CT) region of human Desmin, a type III intermediate filament (IF), localized near the Z line in sacromeres of skeletal, smooth and cardiac muscle tissue. Desmin plays an essential role in the architecture of muscle cells, connecting the Z-disk to the subsarcolemmal cytoskeleton, and the contractile apparatus to the, mitochondria, cell nucleus and post-synaptic areas of motor endplates. Desmin is an early indicator for muscle tissue in embryogenesis, and a marker for tumours of myogenic origin. Mutations in the Desmin gene, are responsible for the neuromuscular disorder known as desmin-related cardio skeletal myopathy (CSM), characterized by skeletal muscle weakness.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55749932
NCBI GeneID	1674
NCBI Accession #	NP_001918.3
NCBI GenBank Nucleotide #	NM_001927.3
UniProt Accession #	P17661; Q15787; Q549R7; Q549R8; Q549R9; Q8IZR1; Q8IZR6; Q8NES2; Q8NEU6; Q8TAC4; Q8TCX2; Q8TD99
Molecular Weight	53,536 Da
NCBI Official Full Name	desmin
NCBI Official Synonym Full Names	desmin
NCBI Official Symbol	DES
NCBI Official Synonym Symbols	CSM1; CSM2; LGMD2R
NCBI Protein Information	desmin; intermediate filament protein; mutant desmin p.K241E
UniProt Protein Name	Desmin
UniProt Gene Name	DES
UniProt Entry Name	DESM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/desmin-antibody-western-blot-immunohistochemistry-elisa/50043>