

Rabbit Desmin Polyclonal Antibody | anti-DES antibody

Desmin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29959	Rabbit	Human, Mouse, Zebrafish	Western Blot, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Desmin; Polyclonal Antibody; Desmin Antibody; CMD1I antibody; CSM1 antibody; CSM2 antibody; DES antibody; DESM_HUMAN antibody; Desmin antibody; FLJ12025 antibody; FLJ39719 antibody; FLJ41013 antibody; FLJ41793 antibody; Intermediate filament protein antibody; OTTHUMP00000064865 antibody; anti-DES antibody

PRODUCT SPECIFICATIONS

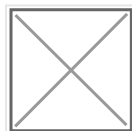
Host	Rabbit
Reactivity	Human, Mouse, Zebrafish
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DES antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:200 ICC: 1:200
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



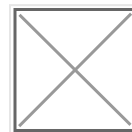
ICC (Immunocytochemistry)

ICC staining of Desmin in HeLa cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



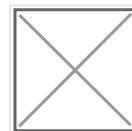
ICC (Immunocytochemistry)

ICC staining of Desmin in HepG2 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining of Desmin in NIH-3T3 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-Desmin antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-Desmin antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-Desmin antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-DES antibody	Desmin is one of the earliest protein markers for muscle tissue in embryogenesis as it is detected in the somites. Although it is present early in the development of muscle cells, it is only expressed at low levels, and increases as the cell nears terminal differentiation. Desmin is also important in muscle cell architecture and structure since it connects many components of the cytoplasm. Finally, desmin may be important in mitochondria function. Desmin-related myopathy (DRM or Desminopathy) is a subgroup of the myofibrillar myopathy diseases and is the result of a mutation in the gene that codes for desmin which prevents it from forming protein filaments, instead forming aggregates of desmin and other proteins throughout the cell. Recently, mutations were identified in patients suffered by an arrhythmogenic right ventricular cardiomyopathy (ARVC).
Product Categories/Family for anti-DES antibody	Total protein Ab

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
NCBI Protein Information	desmin; intermediate filament protein
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://stage.aaabiotech.com/polyclonal/desmin-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/29959>