

Rabbit Desmin Polyclonal Antibody | anti-DES antibody

Anti-Desmin Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254181	Rabbit	Human, Mouse Predicted to React with: Rat (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

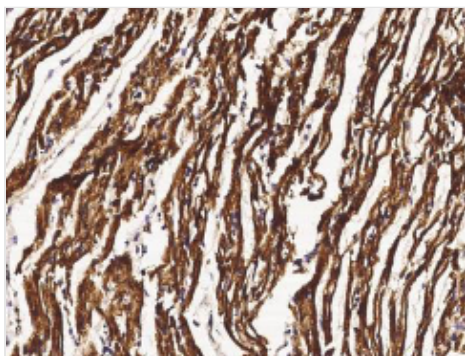
PRODUCT SYNONYMS

Desmin; Polyclonal Antibody; Anti-Desmin Antibody; Rabbit Polyclonal; Desmin Antibody; Rabbit PAb; Antigen Affinity Purified; desmin; Anti-CSM1 Antibody; Anti-CSM2 Antibody; Anti-LGMD2R Antibody; anti-DES antibody

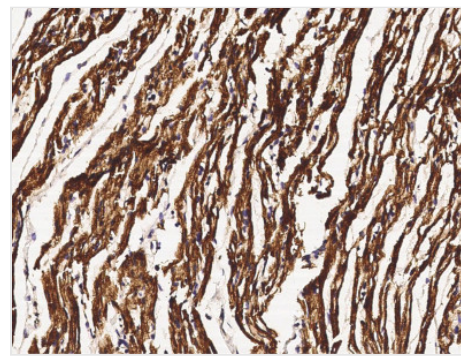
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted to React with: Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Desmin
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-DES antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the human Desmin
Preparation	Produced in rabbits immunized with A synthetic peptide corresponding to the C-terminus of the human Desmin., and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

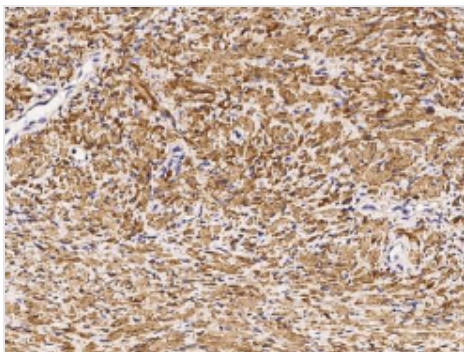
IMAGES


IHC (Immunohistochemistry)

Immunochemical staining DES in mouse prostate with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections)


IHC (Immunohistochemistry)

Immunochemical staining DES in human heart with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections)



IHC (Immunohistochemistry)
 Immunochemical staining DES in human prostate with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-DES antibody	The cohesin loading factor, nipped-B-like protein (NIPBL), is also known as the sister chromatid cohesion 2 (SCC2) human homolog, is a cohesin loading factor which is essential for deposition of cohesin onto the sister chromatid. Recent studies have shown that NIPBL contributes to sister chromatid cohesion and plays a critical role in development, DNA repair, and gene regulation. Downregulation of NIPBL arrested cells in the G0/G1 phase of the cell cycle and induced apoptosis and autophagy of breast cancer cells through the caspase3 and mammalian target of rapamycin (mTOR) signaling pathways. NIPBL, the sister chromatid cohesion 2 (SCC2) human homolog, is a cohesin loading factor which is essential for deposition of cohesin onto the sister chromatid. Recent studies have shown that NIPBL contributes to sister chromatid cohesion and plays a critical role in development, DNA repair, and gene regulation.
Product Categories/Family for anti-DES antibody	Cardiac Stem Cell Markers

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	4208.95 g/mol
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.