DES Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DES, Polyclonal Antibody
Full Product Name	DES
Product Gene Name	anti-DES antibody
Product Synonym Gene Name	CSM1; CSM2; LGMD2R
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	52KD
Immunogen	Recombinant fragment corresponding to 117-350aa of human DES.
Cellular Localization	Fascia Adherens, Intermediate Filament, Neuromuscular Junction, Sarcolemma, Z Disc
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DES antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-DES antibody	ELISA: 1:20,000-80,000 WB: 1:200-1,000
Related Product Information for anti-DES antibody	MBS8560853 is an antibody targeting DES. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens desmin (DES), mRNA.
Product References and Citations for anti-DES antibody	Nalini A, Gayathri N, Richard P, et al. New mutation of the desmin gene identified in an extended Indian pedigree presenting with distal myopathy and cardiac disease. Neurol India. 61(6):622-626 (2013)
Other Notes	Small volumes of anti-DES antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DES. It may not necessarily be applicable to this product.

NCBI GI #	33878070
NCBI GeneID	1674
NCBI Accession #	BC032116
UniProt Related Accession #	P17661
NCBI Official Full Name	Homo sapiens desmin, mRNA
NCBI Official Synonym Full Names	desmin

NCBI Official Symbol	DES
NCBI Official Synonym Symbols	CSM1; CSM2; CDCD3; CMD1F; LGMD1D; LGMD1E; LGMD2R
Protein Family	9-divinyl ether synthase
NCBI Protein Information	desmin
NCBI Summary for DES	This gene encodes 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 this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies. [provided by RefSeq, Jul 2008]
Research Articles on DES	**1.** The DES-p.Glu401Asp mutation causes predominant inherited left ventricular arrhythmogenic cardiomyopathy/dysplasia with a high incidence of adverse clinical events in the absence of skeletal myopathy or conduction system disorders.
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