

DES Polyclonal Antibody

Catalog No.	A0699	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	54kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	53kDa

Immunogen Information

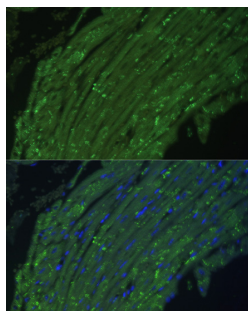
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 121-470 of human DES (NP_001918.3).
Gene ID	1674
Swiss prot	P17661
Synonyms	DES; CSM1; CSM2; LGMD2R; desmin

Product information

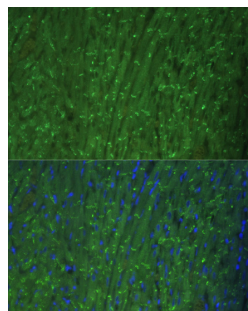
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

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.



Immunofluorescence - DES Polyclonal Antibody (A0699)



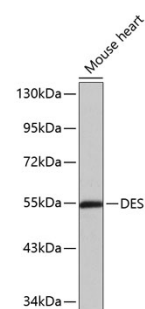
Immunofluorescence - DES Polyclonal Antibody (A0699)

Recommended Dilutions

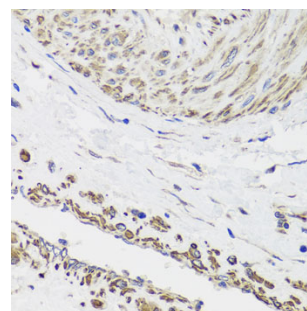
WB 1:500 -
1:2000

IHC 1:50 -
1:100

IF 1:50 -
1:100



Western blot - DES Polyclonal Antibody (A0699)



Immunohistochemistry - DES Polyclonal Antibody (A0699)