

Rabbit DES Polyclonal Antibody | anti-DES antibody

DES antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198925	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

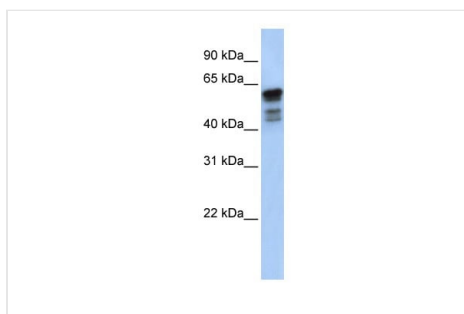
PRODUCT SYNONYMS

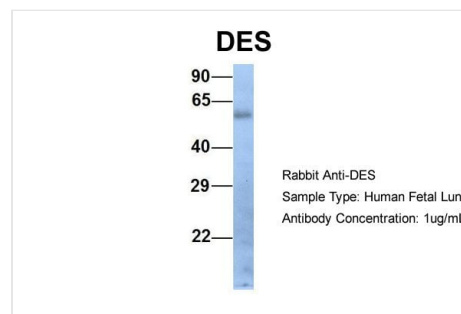
DES; Polyclonal Antibody; DES antibody - middle region; anti-DES antibody

PRODUCT SPECIFICATIONS

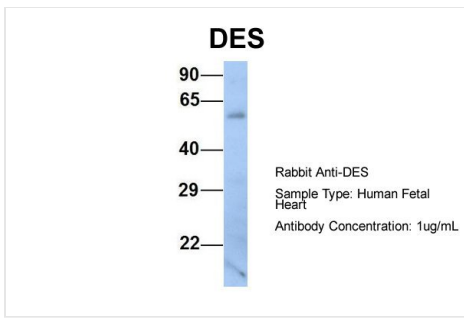
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA LDVEIATYRK LLEGEESRIN LPIQTYSALN FRETSPQERG SEVHTKKT
Sequence Length	470
Applicable Applications for anti-DES antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DES
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

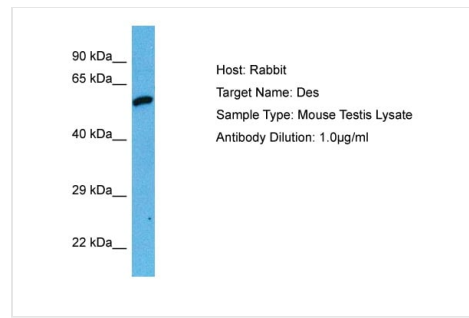
WB Suggested Anti-DES Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Muscle

WB (Western Blot)

Host: Rabbit
Target Name: DES
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit Target Name: DES Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Mouse Target Name: DES Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-DES antibody

This is a rabbit polyclonal antibody against DES. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: DES is 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 its gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies. 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. **Publication Note:** This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-DES antibody

[Polyclonal](#); [Disease Related](#); [Tissue Specific & Cell Marker](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749932
NCBI GeneID	1674
NCBI Accession #	NP_001918
NCBI GenBank Nucleotide #	NM_001927
UniProt Accession #	P17661
Molecular Weight	53kDa
NCBI Official Full Name	desmin
NCBI Official Synonym Full Names	desmin
NCBI Official Symbol	DES
NCBI Official Synonym Symbols	CSM1; CSM2; CDCD3; CMD1F; LGMD1D; LGMD1E; LGMD2R
NCBI Protein Information	desmin
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.