



Desmin (phospho Ser60) Polyclonal Antibody

Catalog No	BYab-19424
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	DES
Protein Name	Desmin
Immunogen	The antiserum was produced against synthesized peptide derived from human Desmin around the phosphorylation site of Ser60. AA range:26-75
Specificity	Phospho-Desmin (S60) Polyclonal Antibody detects endogenous levels of Desmin protein only when phosphorylated at S60.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DES; Desmin
Observed Band	
Cell Pathway	Cytoplasmic
Tissue Specificity	Muscle,Skeletal muscle,
Function	disease:Defects in DES are the cause of cardiomyopathy dilated type 1I (CMD1I) [MIM:604765]. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.,disease:Defects in DES are the cause of desmin-related cardio-skeletal myopathy (CSM) [MIM:601419]; also known as desmin-related myopathy (DRM). CSM is characterized by skeletal muscle weakness associated with cardiac conduction blocks, arrhythmias, restrictive heart failure, and by intracytoplasmic accumulation of desmin-reactive deposits in cardiac and skeletal muscle cells. A desmin-related myopathy can have a distal onset, it is then known as hereditary distal myopathy (HDM).,disease:Defects in DES are the cause of neurogenic scapuloperoneal

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syndrome Kaeser type (Kaeser syndrome) [MIM:181400].

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. [provided by RefSeq, Jul 2008],

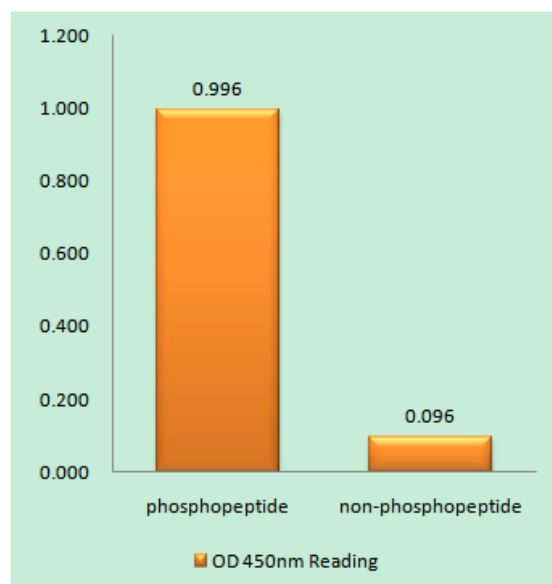
matters needing attention

Avoid repeated freezing and thawing!

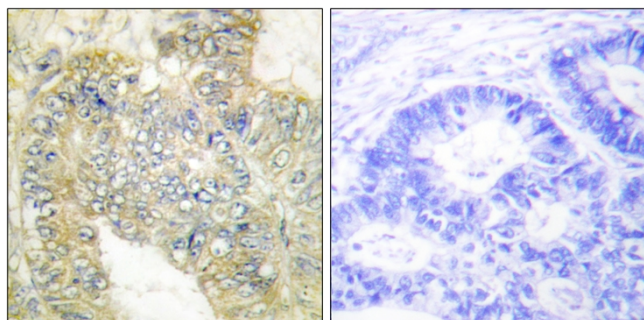
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Desmin (Phospho-Ser60) Antibody



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using Desmin (Phospho-Ser60) Antibody. The picture on the right is blocked with the phosphopeptide.

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