

**Desmin (phospho Ser60) Polyclonal Antibody**

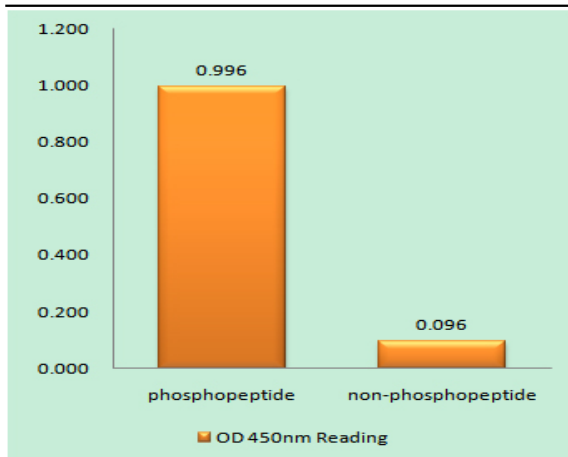
<b>Catalog No :</b>	YP1022
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	Desmin
<b>Fields :</b>	>>Hypertrophic cardiomyopathy;>>Arrhythmogenic right ventricular cardiomyopathy;>>Dilated cardiomyopathy
<b>Gene Name :</b>	DES
<b>Protein Name :</b>	Desmin
<b>Human Gene Id :</b>	1674
<b>Human Swiss Prot No :</b>	P17661
<b>Mouse Gene Id :</b>	13346
<b>Mouse Swiss Prot No :</b>	P31001
<b>Rat Gene Id :</b>	64362
<b>Rat Swiss Prot No :</b>	P48675
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human Desmin around the phosphorylation site of Ser60. AA range:26-75
<b>Specificity :</b>	Phospho-Desmin (S60) Polyclonal Antibody detects endogenous levels of Desmin protein only when phosphorylated at S60.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

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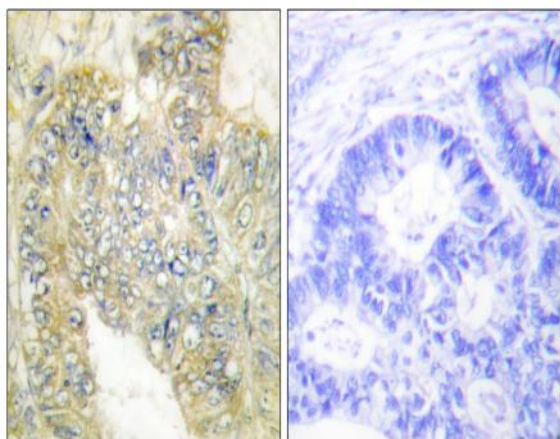
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	54kD
<b>Cell Pathway :</b>	Hypertrophic cardiomyopathy (HCM);Arrhythmogenic right ventricular cardiomyopathy (ARVC);Dilated cardiomyopathy;
<b>Background :</b>	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],
<b>Function :</b>	disease:Defects in DES are the cause of cardiomyopathy dilated type 11 (CMD11) [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 syndrome Kaeser type (Kaeser syndrome) [MIM:181400].
<b>Subcellular Location :</b>	Cytoplasmic
<b>Expression :</b>	Muscle,Skeletal muscle,

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## 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 phospho peptide.