



MyoD (Acetyl Lys99/K102) rabbit pAb

Cat No.:ES20117

For research use only

Overview

Product Name	MyoD (Acetyl Lys99/K102) rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	Synthesized peptide derived from human MyoD (Acetyl Lys99/K102)
Specificity	This antibody detects endogenous levels of Human MyoD (Acetyl Lys99/K102)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	MyoD (Acetyl Lys99/K102)
Gene Name	MYOD1 BHLHC1 MYF3 MYOD
Cellular localization	Nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	69kD
Human Gene ID	4654
Human Swiss-Prot Number	P15172
Alternative Names	Myoblast determination protein 1 (Class C basic helix-loop-helix protein 1;bHLHc1;Myogenic factor 3;Myf-3)
Background	This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize

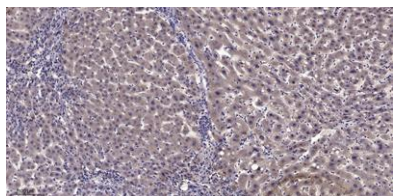




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commitment to myogenesis. [provided by RefSeq,
Jul 2008],

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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