

Myomesin-2 Polyclonal Antibody

Cat No: HR1AP3990

For research use only

Overview

Product Name	Myomesin-2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Monkey
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	165kDa
GeneID?Human?	MYOM2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	MYOM2; Myomesin-2; 165 kDa connectin-associated protein; 165 kDa titin-associated protein; M-protein; Myomesin family member 2
Background	<p>myomesin 2(MYOM2) Homo sapiens The giant protein titin, together with its associated proteins, interconnects the major structure of sarcomeres, the M bands and Z discs. The C-terminal end of the titin string extends into the M line, where it binds tightly to M-band constituents of apparent molecular masses of 190 kD and 165 kD. The predicted MYOM2 protein contains 1,465 amino acids. Like MYOM1, MYOM2 has a unique N-terminal domain followed by 12 repeat domains with strong homology to either fibronectin type III or immunoglobulin C2 domains. Protein sequence comparisons suggested that the MYOM2 protein and bovine M protein are identical. [provided by RefSeq, Jul 2008].</p>