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[Primary Antibody]

Recombinant Rabbit Anti-ACTA1 Monoclonal Antibody

Catalog Number: SLA0791M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	7C8
SWISS:	P68133
Target:	ACTA1
Immunogen:	Synthesized peptide derived from human Actin, sarcomeric muscle
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat,Pig,Chicken,Bovine
Predicted MW.:	42 kDa
Background:	The product encoded by this gene belongs to the actin family of proteins , which are highly conserved proteins that play a role in cell motility , structure and integrity. Alpha , beta and gamma actin isoforms have been identified , with alpha actins being a major constituent of the contractile apparatus , while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Mutations in this gene cause nemaline myopathy type 3 , congenital myopathy with excess of thin myofilaments , congenital myopathy with cores , and congenital myopathy with fiber-type disproportion , diseases that lead to muscle fiber defects. [provided by RefSeq , Jul 2008]

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.