α-Actin-1 (ACTA1) Rabbit mAb

E45R12906N

Catalog Number:E45R12906N

Host Species: Rabbit

Isotype: IgG

Purification: Affinity purification

Applications:WB (Homo sapiens)

Species Reactivity: Human, Mouse, Rat

Immunogen Description:A synthesized peptide derived from human α-Actin-1 (ACTA1)

NCBI Gene ID:58

Storage: Store at 4°C short term. For long-term storage, aliquot and store at -20°C or below. Stable for 12 months at -20°C. Avoid repeated freeze-thaw cycles.

Cite ID#:EN5520152

Type: Monoclonal Antibodies

Positive control: HeLa, A-431, RD, C6, Mouse lung, Mouse brain, Mouse heart, Rat lung, Rat heart

Swiss-Prot No.:P68133

Summary: 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]

Form: Liquid

Storage Buffer: Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Dilution:WB 1:500 - 1:2000 IF 1:50 - 1:200

Alternname:ACTA; ASMA; CFTD; CFTD1; CFTDM; MPFD; NEM1; NEM2; NEM3; SHPM

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