alpha Actin (skeletal muscle) Antibody

Catalog No: #35512

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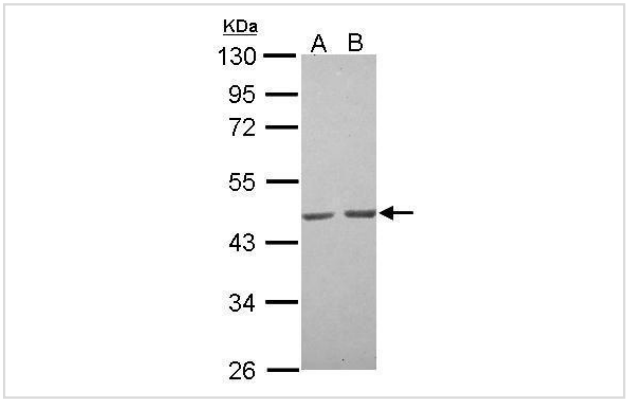
Description

Product Name	alpha Actin (skeletal muscle) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total alpha Actin (skeletal muscle) protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 72 and 377 of alpha Actin.
Target Name	alpha Actin (skeletal muscle)
Other Names	ACTA antibody; ASMA antibody; CFTD antibody; CFTD1 antibody; CFTDM antibody; MPFD antibody; NEM1 antibody; NEM2 antibody; NEM3 antibody; ACTA1 antibody; alpha-actin-1 antibody; alpha skeletal muscle actin antibody; "actin; alpha skeletal muscle antibody";
Accession No.	Swiss-Prot#: P68032;NCBI Gene#:58
Uniprot	P68032
GeneID	70;
SDS-PAGE MW	42kd
Concentration	0.43mg/ml
Formulation	Rabbit IgG in 1XPBS, 1%BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

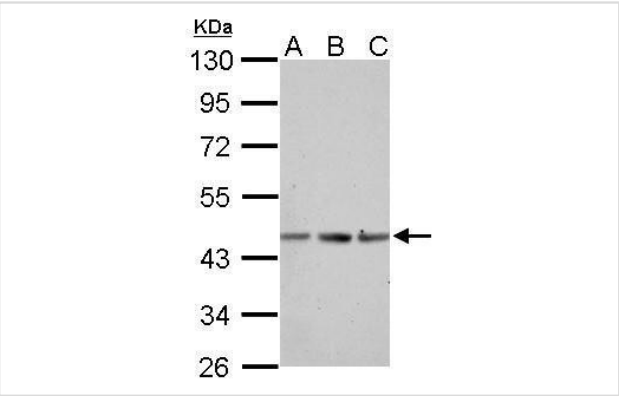
Application Details

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)
A: A549
B: HeLa
10% SDS PAGE
#35512 diluted at 1:1000



Sample (30 ug of whole cell lysate)
A: NIH-3T3
B: JC
C: BCL-1
10% SDS PAGE
#35512 diluted at 1:1000

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]

Note: This product is for in vitro research use only