



Human CFL2 blocking peptide (CDBP0839)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Cofilin 2 (muscle) antibody
Antigen Description	This gene encodes an intracellular protein that is involved in the regulation of actin-filament dynamics. This protein is a major component of intranuclear and cytoplasmic actin rods. It can bind G- and F-actin in a 1:1 ratio of cofilin to actin, and it reversibly controls actin polymerization and depolymerization in a pH-dependent manner. Mutations in this gene cause nemaline myopathy type 7, a form of congenital myopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CFL2 cofilin 2 (muscle) [Homo sapiens (human)]
Official Symbol	CFL2
Synonyms	CFL2; cofilin 2 (muscle); NEM7; cofilin-2; cofilin, muscle isoform; nemaline myopathy type 7;
Entrez Gene ID	1073

mRNA Refseq	NM_001243645.1
Protein Refseq	NP_001230574.1
UniProt ID	Q9Y281
Chromosome Location	14q12
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Caspase cascade in apoptosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; G13 Signaling Pathway, organism-specific biosystem; Leptin signaling pathway, organism-specific biosystem; Pertussis, organism-specific biosystem; Pertussis, conserved biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem; R
Function	actin binding; protein binding;