

## CFL2 Antibody

Catalog No: #46483

Orders: order@signalwayantibody.com

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## Description

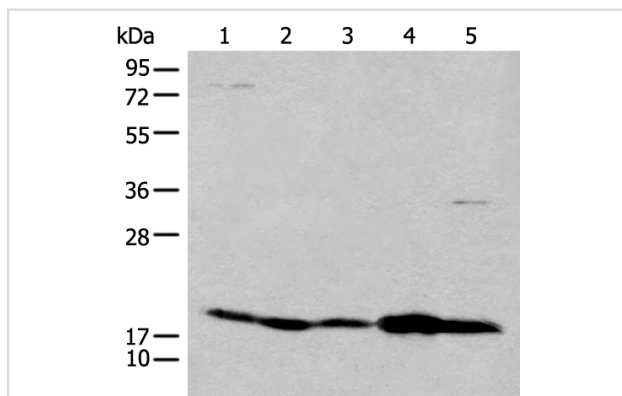
Product Name	CFL2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CFL2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CFL2
Target Name	CFL2
Other Names	NEM7
Accession No.	Swiss-Prot:Q9Y281NCBI Gene ID:1073NCBI Protein:NP_068733
Uniprot	Q9Y281
GeneID	1073;
Calculated MW	19 kDa
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 20-100

## Images



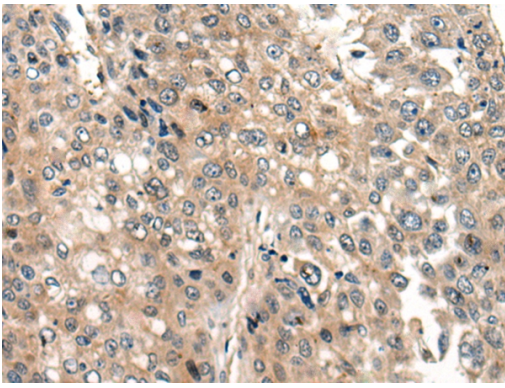
Gel: 12%SDS-PAGE

lysate: 40 µg, Lane 1-5: Raji cell, Rat skeletal muscle tissue, HeLa cell, Mouse skeletal muscle tissue and Mouse brain tissue lysates,

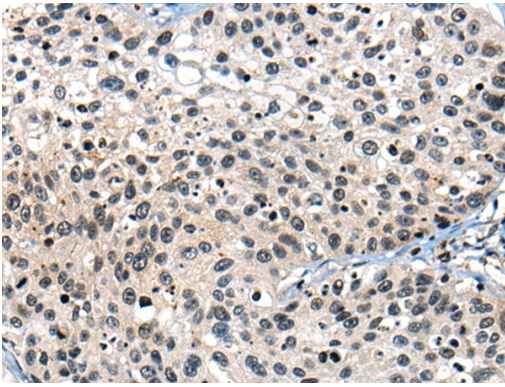
Primary antibody: 46483 (CFL2 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 20 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46483(CFL2 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46483(CFL2 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

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.

Note: This product is for in vitro research use only