

## CFL2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IF

**Recommended Dilution:** WB 1:500 - 1:2000 IF 1:50 - 1:100

**Calculated MW:** 19kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human CFL2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

NEM7;

**Catalog #:** A8009

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1073

**Isotype:** IgG

**Swiss Prot:** Q9Y281

**Purity:** Affinity purification

For research use only.

**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.

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