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## Datasheet for ABIN5534069 anti-Cofilin 2 antibody (N-Term)

2 Images



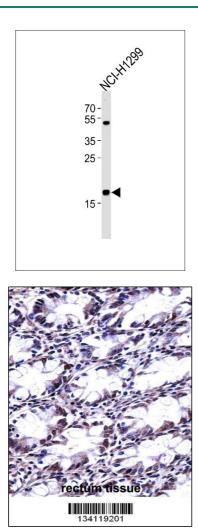
### Overview

Quantity:	400 µL
Target:	Cofilin 2 (CFL2)
Binding Specificity:	AA 25-54, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cofilin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This CFL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 25-54 amino acids from the N-terminal region of human CFL2.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Cofilin 2 (CFL2)

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

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Target Details	
	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.
Molecular Weight:	19 kDa
Gene ID:	1073
UniProt:	Q9Y281
Pathways:	Caspase Cascade in Apoptosis
Application Details	
Application Notes:	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



#### Western Blotting

**Image 1.** Western blot analysis of lysate from NCI-H1299 cell line, using CFL2 Antibody at 1:1000 at each lane.

#### Immunohistochemistry

**Image 2.** CFL2 Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.

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