

Rabbit CFL2 Polyclonal Antibody | anti-CFL2 antibody

CFL2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288553	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig)	Western Blot, Immunohistochemistry, ELISA

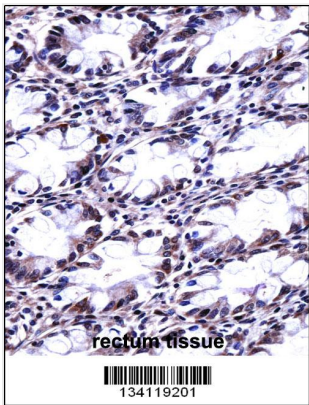
PRODUCT SYNONYMS

CFL2; Polyclonal Antibody; CFL2 Antibody (N-term); Cofilin-2; Cofilin; muscle isoform; anti-CFL2 antibody

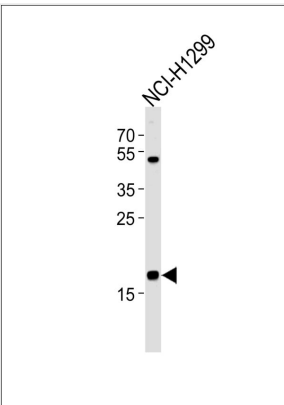
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	25-54
Sequence Length	149
Applicable Applications for anti-CFL2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
CFL2 Antibody (N-term) (AAA288553)immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CFL2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from NCI-H1299 cell line, using CFL2 Antibody (N-term). AAA288553 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-CFL2 antibody	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.
Product Categories/Family for anti-CFL2 antibody	Signal Transduction
References	Vogel, S., et al. J. Biol. Chem. 285(44):33756-33763(2010) Borensztajn, K., et al. Thromb. Res. 125 (6), E323-E328 (2010) : Papalouka, V., et al. Mol. Cell. Biol. 29(22):6046-6058(2009) Wu, Y., et al. Retrovirology 5, 95 (2008) : Agrawal, P.B., et al. Am. J. Hum. Genet. 80(1):162-167(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	343887344
NCBI GeneID	1073
NCBI Accession #	NP_001230574.1; NP_068733.1; NP_619579.1
NCBI GenBank Nucleotide #	NM_001243645.1
UniProt Accession #	Q9Y281; G3V5P4
Molecular Weight	18737
NCBI Official Full Name	cofilin-2 isoform 2
NCBI Official Synonym Full Names	cofilin 2 (muscle)
NCBI Official Symbol	CFL2
NCBI Official Synonym Symbols	NEM7
NCBI Protein Information	cofilin-2
UniProt Protein Name	Cofilin-2
UniProt Gene Name	CFL2
UniProt Entry Name	COF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cfl2-antibody-western-blot-immunohistochemistry-elisa/288553>