

Rabbit CFL2 Polyclonal Antibody | anti-CFL2 antibody

CFL2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286078	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Pig, Xenopus)	Western Blot, ELISA, Immunofluorescence

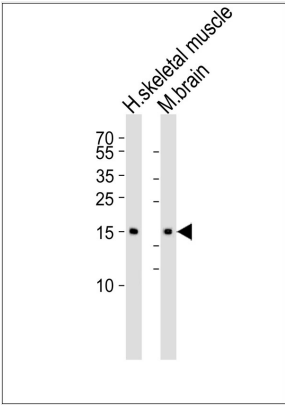
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

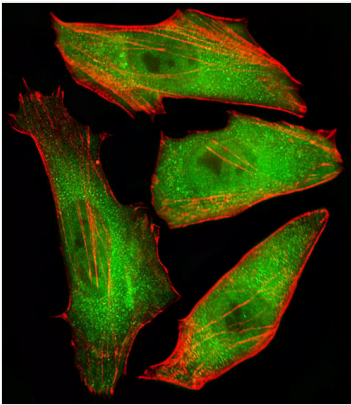
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Pig, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CFL2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 130-144 amino acids from the C-terminal region of human CFL2.
Purity/Purification	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: 0.5 (varies by lot)
Sequence Length	149
Applicable Applications for anti-CFL2 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Crown Antibody	Yes
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



WB (Western Blot)

Western blot analysis of lysates from human skeletal muscle and mouse brain tissue lysate(from left to right), using CFL2 Antibody (C-term). AAA286078 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. Lysates at 35ug per lane.



IF (Immunofluorescence)

Fluorescent image of HeLa cells stained with CFL2 Antibody (C-term). AAA286078 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-CFL2 antibody	Controls reversibly actin polymerization and depolymerization in a pH-sensitive manner. It has the ability to bind G- and F-actin in a 1:1 ratio of cofilin to actin. It is the major component of intranuclear and cytoplasmic actin rods (By similarity).
Product Categories/Family for anti-CFL2 antibody	Crown Antibodies; Signal Transduction
References	Jin J.,et al.Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases. Thirion C.,et al.Eur. J. Biochem. 268:3473-3482(2001). Heilig R.,et al.Nature 421:601-607(2003). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Bienvenut W.V.,et al.Submitted (MAR-2008) to UniProtKB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	343887344
NCBI GeneID	1073
NCBI Accession #	NP_001230574.1
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://www.aaabiotech.com/polyclonal/cfl2-antibody-western-blot-immunofluorescence-elisa/286078>