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Cfl2 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12907

Product Information

Application	WB
Primary Accession	P45591
Other Accession	NM_007688, NP_031714
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18710

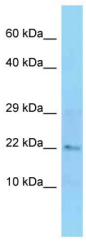
Additional Information

Gene ID	12632
Other Names	Cofilin-2, Cofilin, muscle isoform, Cfl2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Cfl2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Cfl2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Cfl2
Function	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. Required for muscle maintenance. May play a role during the exchange of alpha-actin forms during the early postnatal remodeling of the sarcomere.
Cellular Location	Nucleus matrix. Cytoplasm, cytoskeleton. Note=Colocalizes with CSPR3 in the Z line of sarcomeres {ECO:0000250|UniProtKB:Q9Y281}
Tissue Location	Predominantly expressed in skeletal muscle.

Images



WB Suggested Anti-Cfl2 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver