



Goat anti-Cofilin 2 (muscle) Antibody

Item Number	dAP-0693
Target Molecule	Principle Name: Cofilin 2 (muscle); Official Symbol: CFL2; All Names and Symbols: cofilin 2 (muscle); HGNC:1875; CFL2; NEM7; cofilin 2; Accession Number (s): NP_068733.1; NP_619579.1; Human Gene ID (s): 1073; Non-Human GeneID(s):
Immunogen	DIKDRSTLGEK, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_068733 and NP_619579)
Applications	Pep ELISA, WB, IHC Species Tested: Human, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 18kDa band observed in Human Skeletal Muscle lysates and in Rat Heart lysates (calculated MW of 18.7kDa according to NP_068733.1 and NP_619579.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Thirion C, Stucka R, Mendel B, Gruhler A, Jaksch M, Nowak KJ, Binz N, Laing NG, Lochmuller H. Characterization of human muscle type cofilin (CFL2) in normal and regenerating muscle. Eur J Biochem. 2001 Jun;268(12):3473-82. .PMID: 11422377 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**