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anti-Cofilin 2 antibody (C-Term)





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Quantity:	100 μg
Target:	Cofilin 2 (CFL2)
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Cofilin 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Cofilin 2 (muscle)	
Immunogen:	Peptide with sequence C-DIKDRSTLGEK, from the C Terminus of the protein sequence according to NP_068733.1, NP_619579.1.	
Sequence:	DIKDRSTLGE K	
Isotype:	IgG	
Specificity:	This antibody is expected to recognise both reported isoforms (NP_068733 and NP_619579)	
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

Target Details

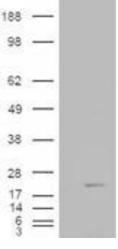
Target:	Cofilin 2 (CFL2)
Alternative Name:	CFL2 (CFL2 Products)
Background:	Cofilin 2 (muscle), HGNC:1875, CFL2, NEM7, cofilin 2
Gene ID:	1073
Gene ID: NCBI Accession:	1073 NP_068733, NP_619579

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 3.75
	μg/mL.
	Western Blot: Approx 18 kDa band observed in Human Skeletal Muscle lysates and in Rat Heart
	lysates (calculated MW of 18.7 kDa according to NP_068733.1and NP_619579.1).
	Recommended concentration: 0.01-0.03 μg/mL.
	Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



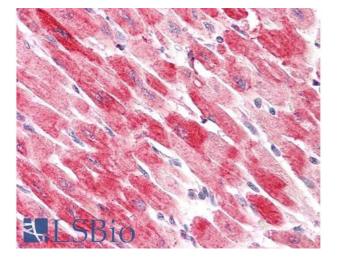
Western Blotting

Image 1. HEK293 overexpressing Human Muscle Cofilin 2 (ABIN5398356) and probed with ABIN185454 (mock transfection in first lane).



Western Blotting

Image 2. ABIN185454 (0.003μg/ml) staining of Human Skeletal Muscle lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN185454 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the product details page for more images. Overall 4 images are available for ABIN185454.