

Datasheet for ABIN390504
anti-CNN3 antibody (AA 129-158)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	CNN3
Binding Specificity:	AA 129-158
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNN3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Calponin-3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 129-158 amino acids from the Central region of human Calponin-3.
Clone:	RB19477
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	CNN3
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Target Details

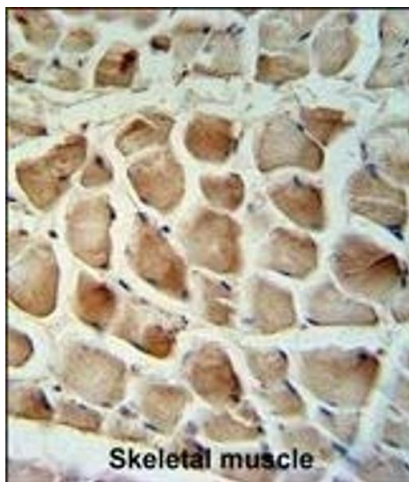
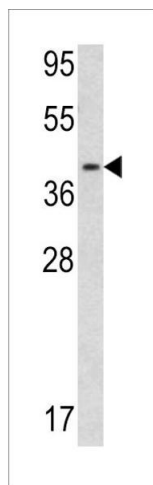
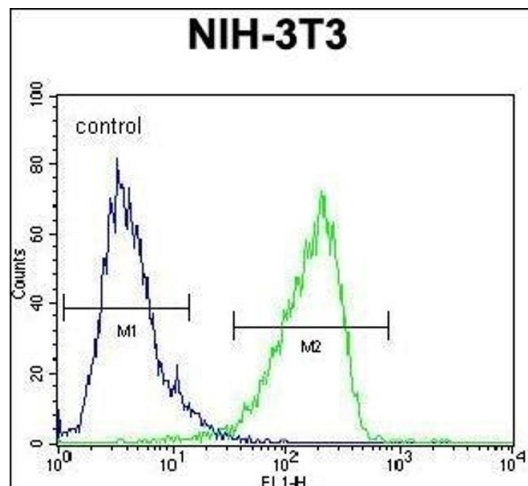
Alternative Name:	Calponin-3 (CNN3 Products)
Background:	Calponin-3 is a protein with a markedly acidic C terminus, the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. This protein is associated with the cytoskeleton but is not involved in contraction.
Molecular Weight:	36414
Gene ID:	1266
NCBI Accession:	NP_001830
UniProt:	Q15417

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. Calponin-3 Antibody (Center) (ABIN390504 and ABIN2840860) flow cytometric analysis of NIH-3T3 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of Calponin-3 antibody (Center) (ABIN390504 and ABIN2840860) in NIH-3T3 cell line lysates (35 µg/lane). Calponin-3 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Calponin-3 Antibody (Center) (ABIN390504 and ABIN2840860) IHC analysis in formalin fixed and paraffin embedded human skeletal muscle tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Calponin-3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.