

Datasheet for ABIN2856266

anti-CNN3 antibody

3 Images

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Overview

Quantity:	100 µL
Target:	CNN3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Calponin 3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to calponin 3 (calponin-3) calponin 3 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	CNN3
Alternative Name:	calponin 3 (CNN3 Products)

Target Details

Background: This gene encodes a protein with a markedly acidic C terminus, the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. Members of the CNN gene family all contain similar tandemly repeated motifs. This encoded protein is associated with the cytoskeleton but is not involved in contraction.

Molecular Weight: 36 kDa

Gene ID: 1266

UniProt: [Q15417](#)

Application Details

Application Notes: WB: 1:1000-1:10000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , HeLa , HepG2 , NIH-3T3 , JC
Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.86 mg/mL

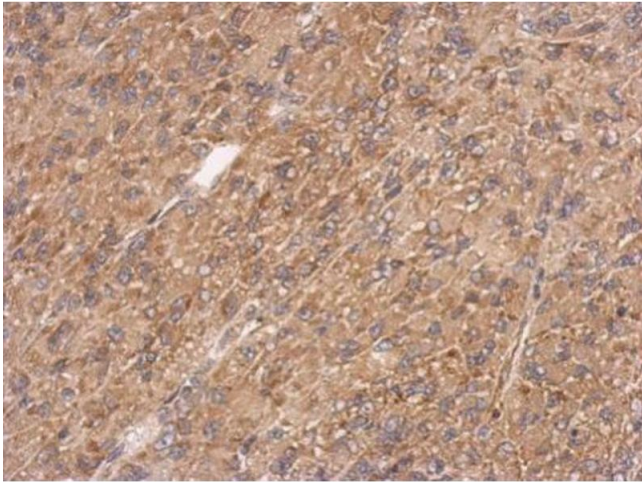
Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

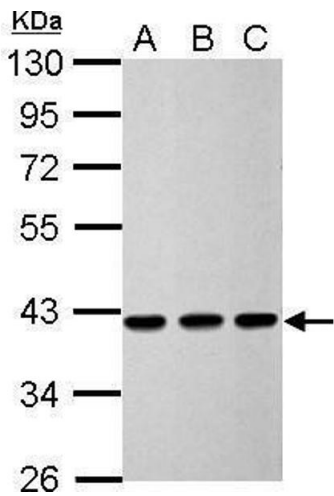
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



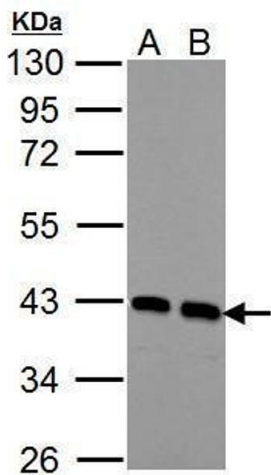
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded U87 xenograft, using calponin 3, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: 293T B: HeLa C: HepG2 10% SDS PAGE antibody diluted at 1:5000



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC 10% SDS PAGE antibody diluted at 1:1000