CNN1 Recombinant Antibody

RACO0159

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

WB:1:500-1:5000, IHC:1:50-1:200

Protein Background:

Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity (By similarity).

Gene ID:

CNN1

Uniprot

P51911

Synonyms:

Calponin-1, Basic calponin, Calponin H1, smooth muscle, CNN1

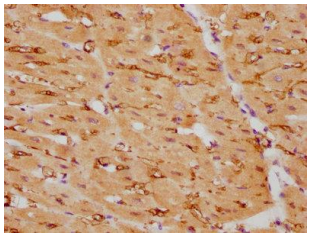
Immunogen:

A synthesized peptide derived from human CNN1.

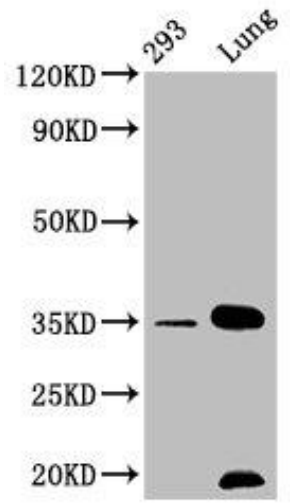
Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



IHC image of RACO0159 diluted at 1:105 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blot
Positive WB detected in(293 whole cell lysate) Mouse lung tissue
All lanes: CNN1 antibody at 1.05µg/ml
Secondary
Goat polyclonal to rabbit IgG at 1:50000 dilution
Predicted band size: 34, 32 KDa
Observed band size: 34 KDa

