

CNN3 Rabbit pAb

CatalogNo: YN0541

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 36kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity CNN3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CNN3

Protein Name Calponin-3 (Calponin, acidic isoform)

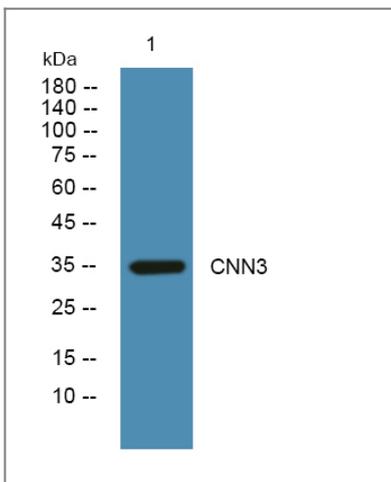
Organism	Gene ID	UniProt ID
Human	1266;	Q15417;
Mouse		Q9DAW9;
Rat		P37397;

Cellular Localization cytoplasm,cell-cell adherens junction,focal adhesion,postsynaptic density,actin cytoskeleton,neuronal cell body,dendritic spine,

Tissue specificity Expressed in both non-smooth muscle tissues as well as smooth muscle tissues.

Function Function: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.,similarity:Belongs to the calponin family.,similarity:Contains 1 CH (calponin-homology) domain.,similarity:Contains 3 calponin-like repeats.,tissue specificity:Expressed in both non-smooth muscle tissues as well as smooth muscle tissues.,

Validation Data



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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