

CNN3 Polyclonal Antibody

Catalog No. E-AB-10711

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

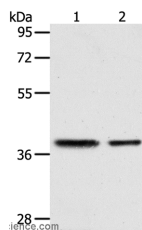
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|---------------------|---|
| Reactivity | Human,Mouse,Rat |
| Immunogen | Recombinant protein of human CNN3 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Buffer | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

Applications

Recommended Dilution

WB 1:500-1:2000

Data



Western Blot analysis of Human fetal kidney and fetal muscle tissue using CNN3 Polyclonal Antibody at dilution of 1:400

Calculated Mw:36kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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. 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.

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