
Calponin-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251972

Unit: 0.1 mg

Description:

Calponin-1 is a thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. Calponin-1 is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin-1 with actin inhibits the actomyosin Mg-ATPase activity.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Calponin-1; Calponin H1, smooth muscle; Basic calponin; CNN1

Accession No.: P51911

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human calponin-1.

Application Notes: E: 1:10,000-1:50,000; WB: 1:1,000-1:2,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.