
Calponin 1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250568

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. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, B, Sh, Ck, D, P

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 Protein-G 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 human calponin-1.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

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.