BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Calponin Cnn2 Antibody (Monoclonal, 35C58)

Catalog Number: M08680-2

About Cnn2

Calponin is a basic 34-kD protein first isolated from chicken gizzard and bovine aorta. It is specifically expressed in smooth muscle and binds calmodulin, actin, and tropomyosin. It is able to inhibit the ATPase activity of myosin and is though to play a role in smooth muscle contraction. Calponin is a smooth muscle specific, actin-, tropomyosin- and calmodulin-binding protein though to be involved in some way in the regulation or modulation of contraction.

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Overview

Product Name	Anti-Calponin Cnn2 Antibody (Monoclonal, 35C58)
Reactive Species	Chicken, Human, Turkey
Description	Boster Bio Anti-Calponin Cnn2 Antibody (Monoclonal, 35C58) catalog # M08680-2. Tested in IHC, ICC, WB applications. This antibody reacts with Chicken, Human, Turkey.
Application	IHC, ICC, WB
Clonality	Monoclonal 35C58
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q08093

Technical Details

Immunogen	Turkey gizzard calponin
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western

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	blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and ICC.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, chicken, turkey Immunocytochemistry , 1ug/ml, Human, chicken, turkey, - Western blot, 0.25-0.5ug/ml, Human, chicken, turkey

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For Research Use Only. Not for use in diagnostic procedures.