

Product datasheet for **AM20594PU-N**

CNN1 Mouse Monoclonal Antibody [Clone ID: CP-19]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CP-19
Applications:	IF, IHC, WB
Recommended Dilution:	Western Blot: Use at 0.25-0.5 µg/ml with appropriate system to detect calponin in cells and tissues. Immunoprecipitation. Immunocytochemistry. Immunohistochemistry on Paraffin Sections: 0.5-1 µg/ml.
Reactivity:	Chicken, Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Turkey gizzard Calponin
Specificity:	This antibody recognizes Calponin-1.
Formulation:	1.2% Sodium Acetate State: Aff - Purified State: Lyophilized purified Ig fraction Stabilizer: 2 mg BSA Preservative: 0.01 mg Sodium Azide
Reconstitution Method:	Restore with 1.2% Sodium Acetate or neutral PBS.
Concentration:	0.1 mg/ml (after reconstitution with PBS)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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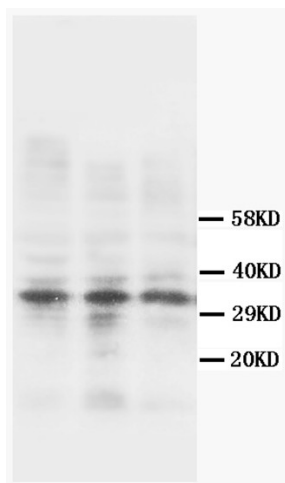
Gene Name: calponin 1, basic, smooth muscle

Database Link: [Entrez Gene 396522 Chicken P26932](#)

Background: 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 thought to play a role in smooth muscle contraction. Calponin is a smooth muscle specific, actin-, tropomyosin-and calmodulin-binding protein thought to be involved in some way in the regulation or modulation of contraction.

Synonyms: Calponin H1, Basic calponin, CNN1

Product images:



Lane 1: MCF7 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: MM453 whole cell lysate