



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-Calponin protein [24H5] Standard Size Ab03312-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2b format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 24H5

**Alternative Name(s) of Target:** CAP; Calponin-2; Calponin H2, smooth muscle; Neutral calponin; CGMCNO 20775

**UniProt Accession Number of Target Protein:** Q99439

**Published Application(s):** WB, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with Calponin protein.

**Specificity:** The antibody is specific for calponin protein. Calponin protein 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 and tropomyosin. Further, the interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.

**Application Notes:** The antibody specifically detected Calponin beta protein in Western blot analysis. The antibody 24H5 and the commercial antibody CALP were used to stain uterine fibroids and liver tissue. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 24H5 was higher than the commercial antibody (CN113234155A).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.