

Anti-Calponin 1 antibody ab78491

1 [References](#) [画像数 2](#)

製品の概要

製品名	Anti-Calponin 1 antibody
製品の詳細	Rabbit polyclonal to Calponin 1
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human Calponin 1 aa 250 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. Immunogen の所有権に関して (Peptide available as ab90216)
ポジティブ・コントロール	Recombinant Human Calponin protein (ab114213) can be used as a positive control in WB. This antibody gave a positive signal in the following Human tissue lysates: Small Intestine; Heart; Bladder; Colon.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
精製度	Immunogen affinity purified

ポリクローナル
IgG

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab78491の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 µg/ml.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 35 kDa (predicted molecular weight: 33 kDa).

機能	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.
組織特異性	Smooth muscle, and tissues containing significant amounts of smooth muscle.
配列類似性	Belongs to the calponin family. Contains 3 calponin-like repeats. Contains 1 CH (calponin-homology) domain.

Western blot - Anti-Calponin 1 antibody (ab78491)

All lanes : Anti-Calponin 1 antibody (ab78491) at 1 µg/ml

Lane 1 : Human heart tissue lysate - total protein (**ab29431**)

Lane 2 : Human small intestine tissue lysate - total protein
(ab29276)

Lane 3 : Human bladder tissue lysate - soluble fraction (female, 45 years) (**ab44654**)

Lane 4 : Human colon tissue lysate - total protein (**ab30051**)

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

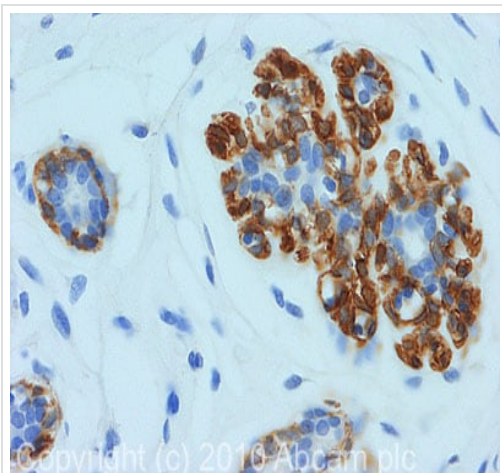
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 33 kDa

Observed band size: 35 kDa

Exposure time: 2 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calponin antibody (ab78491)

IHC image of ab78491 staining in Human Normal Breast formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab78491, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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