


Anti-Calbindin antibody ab49899

★★★★★ [6 Abreviews](#) [7 References](#) [3 图像](#)

概述

产品名称	Anti-Calbindin抗体
描述	兔多克隆抗体to Calbindin
宿主	Rabbit
特异性	We recommend the use of RabMAb ab108404 for testing in IHC and ICC/IF for this target.
经测试应用	适用于: IP, WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Rabbit, Hamster, Cow, Pig 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 50 - 150 of Mouse Calbindin.参阅Abcam的专有抗源政策(Peptide available as ab60452 .)
常规说明	<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>

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS 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.
纯度	Immunogen affinity purified
克隆	多克隆

同种型

IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab49899于以下的经测试应用

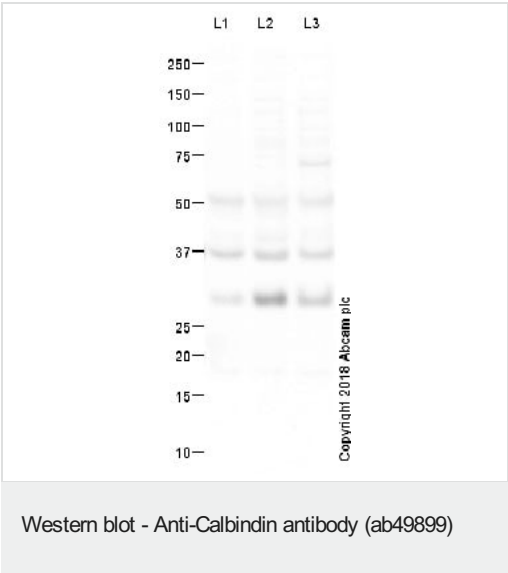
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at an assay dependent concentration.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 29 kDa (predicted molecular weight: 30 kDa).

靶标

功能	Buffers cytosolic calcium. May stimulate a membrane Ca(2+)-ATPase and a 3',5'-cyclic nucleotide phosphodiesterase.
序列相似性	Belongs to the calbindin family. Contains 5 EF-hand domains.
结构域	This protein has four functional calcium-binding sites; potential sites II and VI have lost affinity for calcium.

图片



All lanes : ab49899 at 1 µg/ml

Lane 1 : Brain (human) tissue lysate
Lane 2 : Brain (Mouse) Tissue lysate
Lane 3 : Brain (Rat) Tissue lysate

Lysates/proteins at 10 µg per lane.

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

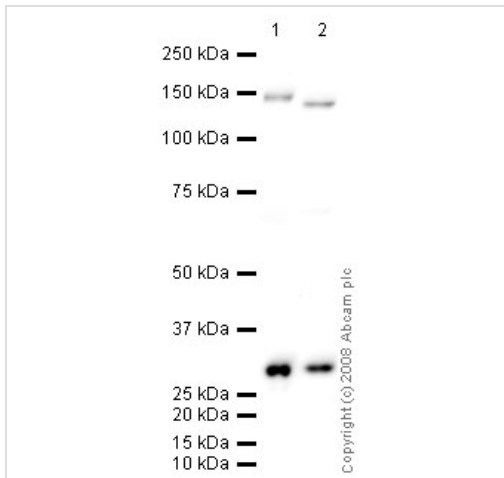
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 30 kDa
Observed band size: 30 kDa
Additional bands at: 37 kDa, 51 kDa. We are unsure as to the

identity of these extra bands.

Exposure time: 30 seconds



Western blot - Anti-Calbindin antibody (ab49899)

All lanes : Anti-Calbindin antibody (ab49899) at 1 µg/ml

Lane 1 : Human kidney tissue lysate - total protein (**ab30203**)

Lane 2 : Kidney (Mouse) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

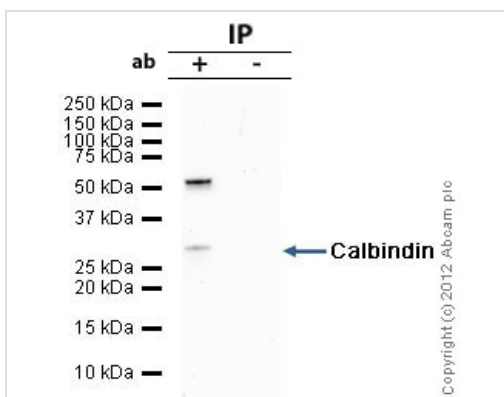
All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 30 kDa

Observed band size: 30 kDa

Additional bands at: 150 kDa. We are unsure as to the identity of these extra bands.



Immunoprecipitation - Anti-Calbindin antibody (ab49899)

Calbindin - Neuronal Marker was immunoprecipitated using 0.5mg Mouse kidney whole tissue extract, 5µg of Rabbit polyclonal to Calbindin and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

The antibody was incubated under agitation with Protein G beads for 10min, Mouse kidney whole tissue extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab49899.

Secondary: Clean blot (HRP conjugate) at 1/1000 dilution.

Band: 30kDa: Calbindin - Neuronal Marker.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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