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Product datasheet

Anti-n-Myc/MYCN antibody ab24193

4 Abreviews 13 References 画像数 2

製品の概要

製品名	Anti-n-Myc/MYCN antibody
製品の詳細	Rabbit polyclonal to n-Myc/MYCN
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Mouse, Human **交差が予測される動物種:** Rat, Chicken, Non human primates
免疫原	Synthetic peptide corresponding to Human n-Myc/MYCN aa 1-100 conjugated to keyhole limpet haemocyanin. Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human n-Myc/MYCN. Immunogen の所有権に関して (Peptide available as **ab31595**.) Database link: **P04198** (Peptide available as **ab31595**, **ab31596**)
特記事項	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. 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

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	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.
精製度	Immunogen affinity purified

ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

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ab24193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
WB	★★★★☆ (4)	Use a concentration of 1 - 5 µg/ml. Detects a band of approximately 49 kDa (predicted molecular weight: 49 kDa).

ターゲット情報

機能	May function as a transcription factor.
関連疾患	Note=Amplification of the N-MYC gene is associated with a variety of human tumors, most frequently neuroblastoma, where the level of amplification appears to increase as the tumor progresses. Defects in MYCN are the cause of microcephaly-oculo-digito-esophageal-duodenal syndrome (MODED) [MIM:164280]; also known as oculodigitoesophagoduodenal syndrome (ODED). Microcephaly-oculo-digito-esophageal-duodenal syndrome is characterized by variable combinations of esophageal and duodenal atresias, microcephaly, learning disability and limb malformations. Cardiac and renal malformations, vertebral anomalies, and deafness have also been described. Defects in MYCN are the cause of microcephaly and digital abnormalities with normal intelligence (MCPHDANI) [MIM:602585].
配列類似性	Contains 1 basic helix-loop-helix (bHLH) domain.
発生段階	Expressed during fetal development.
細胞内局在	Nucleus.

画像

Western blot - Anti-n-Myc/MYCN antibody (ab24193)

All lanes : Anti-n-Myc/MYCN antibody (ab24193) at 1 µg/ml

Lane 1 : Heart (Human) Whole Cell Lysate - fetal normal tissue
Lane 2 : Heart (Mouse) Tissue Lysate
Lane 3 : Skeletal Muscle (Mouse) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Anti-Rabbit IgG VHH Single Domain (HRP) (**ab191866**) at 1/50000 dilution

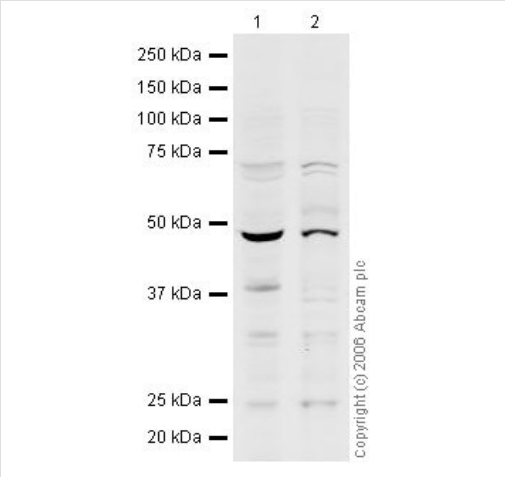
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 49 kDa
Observed band size: 49 kDa
Additional bands at: 190 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab24193 overnight at 4°C. Antibody binding was detected using an anti-rabbit IgG VHH single domain antibody conjugated to HRP (**ab191866**), and visualised using ECL development solution **ab133406**.



Western blot - Anti-n-Myc/MYCN antibody (ab24193)

All lanes : Anti-n-Myc/MYCN antibody (ab24193) at 1 µg/ml

Lane 1 : Heart (Human) Whole Cell Lysate - fetal normal tissue (**ab29432**)
Lane 2 : Heart (Human) Nuclear Lysate - fetal normal tissue (**ab29428**)

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat polyclonal to Rabbit IgG (Alexa Fluor® 680) at 1/10000 dilution

Performed under reducing conditions.

Predicted band size: 49 kDa
Observed band size: 49 kDa
Additional bands at: 25 kDa (possible cleavage fragment), 25 kDa (possible cross reactivity), 33 kDa (possible cleavage fragment), 33 kDa (possible cross reactivity), 39 kDa (possible cleavage fragment), 39 kDa (possible cross reactivity)

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

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