abcam

Product datasheet

Anti-C9 antibody ab67040

画像数 1

製品の概要

製品名 Anti-C9 antibody

製品の詳細 Rabbit polyclonal to C9

由来種 Rabbit

アプリケーション **適用あり**: WB

種交差性 交差種: Human

免疫原 Synthetic peptide corresponding to Human C9 aa 500 to the C-terminus (C terminal) conjugated

to keyhole limpet haemocyanin. (Peptide available as <u>ab94838</u>)

ポジティブ・コントロール Recombinant Human C9 protein (ab114199) can be used as a positive control in WB. This

antibody gave a positive signal in the following tissue lysates: Human placenta; Human plasma

total protein

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

1

ポリ/モノ ポリクローナル

アイソタイプ lgG

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ab67040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		Use a concentration of 1 µg/ml. Detects a band of approximately 74 kDa (predicted molecular weight: 63 kDa).

ターゲット情報

機能 Constituent of the membrane attack complex (MAC) that plays a key role in the innate and

adaptive immune response by forming pores in the plasma membrane of target cells. C9 is the

pore-forming subunit of the MAC.

組織特異性 Plasma.

関連疾患 Defects in C9 are a cause of complement component 9 deficiency (C9D) [MIM:613825]. A rare

defect of the complement classical pathway associated with susceptibility to severe recurrent

infections, predominantly by Neisseria gonorrhoeae or Neisseria meningitidis.

配列類似性 Belongs to the complement C6/C7/C8/C9 family.

Contains 1 EGF-like domain.

Contains 1 LDL-receptor class A domain.

Contains 1 MACPF domain. Contains 1 TSP type-1 domain.

翻訳後修飾 Thrombin cleaves factor C9 to produce C9a and C9b.

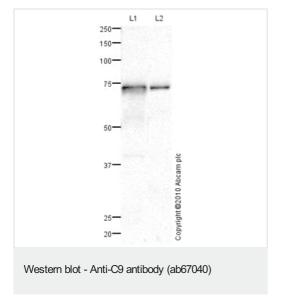
Phosphorylation sites are present in the extracelllular medium.

細胞内局在 Secreted. Cell membrane. Secreted as soluble monomer. Oligomerizes at target membranes,

forming a pre-pore. A conformation change then leads to the formation of a 100 Angstrom

diameter pore.

画像



All lanes: Anti-C9 antibody (ab67040) at 1 µg/ml

Lane 1: Human Plasma Total Protein Lysate

Lane 2: Human placenta tissue lysate - total protein (ab29745)

Lysates/proteins at 10 µg per lane.

Secondary

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

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 63 kDa **Observed band size:** 74 kDa

Additional bands at: 40 kDa. We are unsure as to the identity of

these extra bands.

Exposure time: 16 minutes

Human Complement component C9 precursor contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted. The 74 kDa band observed is also comparable to the molecular weight seen with other commercially available antibodies to C9.

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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