


Anti-Coxsackie Adenovirus Receptor/hCAR antibody ab100811

★★★★★ [4 Abreviews](#) [4 References](#) [画像数 3](#)

製品の概要

製品名	Anti-Coxsackie Adenovirus Receptor/hCAR antibody
製品の詳細	Rabbit polyclonal to Coxsackie Adenovirus Receptor/hCAR
由来種	Rabbit
アプリケーション	適用あり: WB, IP, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Platypus 
免疫原	Synthetic peptide corresponding to Human Coxsackie Adenovirus Receptor/hCAR aa 300-400. NP_001329.1 Database link: P78310
ポジティブ・コントロール	HeLa whole cell lysate (ab150035)
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
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

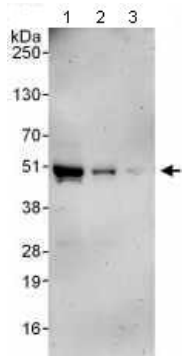
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab100811の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	1/2000 - 1/10000. Predicted molecular weight: 40 kDa.
IP	★★★★★ (1)	Use at 2-5 µg/mg of lysate.
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

機能	Component of the epithelial apical junction complex that is essential for the tight junction integrity. Proposed to function as a homophilic cell adhesion molecule. Recruits MPDZ to intercellular contact sites. Probably involved in transepithelial migration of polymorphonuclear leukocytes (PMN) through adhesive interactions with AMICA1/JAML located in the plasma membrane of PMN.
組織特異性	Expressed in pancreas, brain, heart, small intestine, testis, prostate and at a lower level in liver and lung. Isoform 5 is ubiquitously expressed. Isoform 3 is expressed in heart, lung and pancreas. In skeletal muscle, isoform 1 is found at the neuromuscular junction and isoform 2 is found in blood vessels. In cardiac muscle, isoform 1 and isoform 2 are found at intercalated disks. In heart expressed in subendothelial layers of the vessel wall but not in the luminal endothelial surface. Expression is elevated in hearts with dilated cardiomyopathy.
配列類似性	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
ドメイン	The Ig-like C2-type 1 domain probably mediates homodimerization and interaction with JAML. The PDZ-binding motif mediates interaction with MPDZ and BAIAP1.
翻訳後修飾	N-glycosylated. Palmitoylated on Cys-259 and/or Cys-260; required for proper localization to the plasma membrane.
細胞内局在	Secreted and Cell membrane. Cell junction > tight junction. Cell junction > adherens junction. Basolateral cell membrane. In epithelial cells localizes to the apical junction complex composed of tight and adherens junctions. In airway epithelial cells localized to basolateral membrane but not to apical surface.

画像



Western blot - Anti-Coxsackie Adenovirus Receptor/hCAR antibody (ab100811)

All lanes : Anti-Coxsackie Adenovirus Receptor/hCAR antibody (ab100811) at 0.1 µg/ml

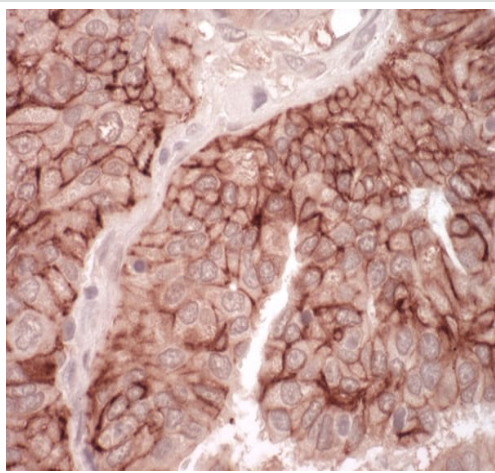
Lane 1 : HeLa Whole Cell Lysate at 50 µg

Lane 2 : HeLa Whole Cell Lysate at 15 µg

Lane 3 : HeLa Whole Cell Lysate at 5 µg

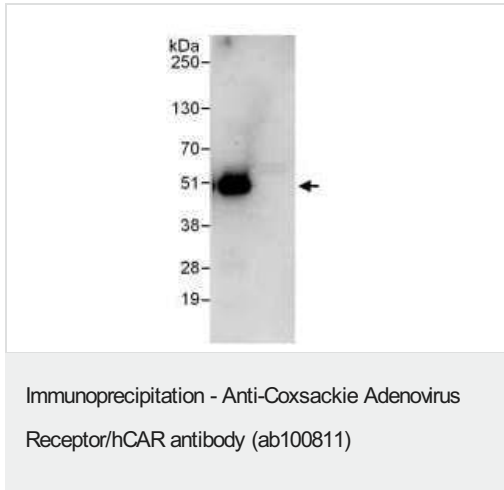
Predicted band size: 40 kDa

Exposure time: 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Coxsackie Adenovirus Receptor/hCAR antibody (ab100811)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling Cocksackie Adenovirus Receptor/hCAR with ab100811 at 1/1000 (1µg/ml). Detection: Peroxidase Substrate.



ab100811 at 0.4 µg/ml staining Cocksackie Adenovirus
Receptor/hCAR in HeLa cell lysate immunoprecipitated using
ab100811 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).
Exposure time: 30 seconds

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