abcam

Product datasheet

Anti-Kazrin antibody ab74114

画像数 2

製品の概要

製品名	Anti-Kazrin antibody
製品の詳細	Rabbit polyclonal to Kazrin
由来種	Rabbit
アプリケーション	**適用あり:** WB, ICC/IF
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat, Cow
免疫原	Synthetic peptide corresponding to Human Kazrin aa 300-400 conjugated to keyhole limpet haemocyanin. (Peptide available as **ab112064**)
ポジティブ・コントロール	This antibody gave a positive signal in Kazrin over-expressing cell lines: HA tagged KazrinA and HA tagged KazrinE.
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ab74114の使用に適用されます

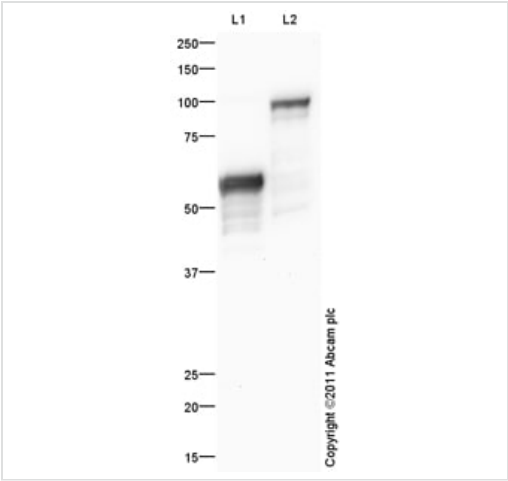
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 mg/ml. Detects a band of approximately 53,100 kDa (predicted molecular weight: 86 kDa).
ICC/IF		Use a concentration of 5 µg/ml.

ターゲット情報

機能	Component of the cornified envelope of keratinocytes. May be involved in the interplay between adherens junctions and desmosomes. The function in the nucleus is not known.
組織特異性	Isoform 2, isoform 3 and isoform 4 are expressed in several cell lines including keratinocytes and bladder and epidermoid carcinoma (at protein level). Isoform 2, isoform 3 and isoform 4 are expressed in hair follicle and interfollicular epidermis (at protein level).
配列類似性	Belongs to the kazrin family. Contains 3 SAM (sterile alpha motif) domains.
細胞内局在	Cytoplasm > cytoskeleton and Cytoplasm. Cell junction > desmosome. Nucleus. Observed at the apical plasma mebrane of keratinocytes. Partially colocalizes with PPL and DP at desmosomes, and with PP at the interdesmosomal plasma membrane. Colocalizes with cortical actin-based membrane structures.

画像



Western blot - Anti-Kazrin antibody (ab74114)

All lanes : Anti-Kazrin antibody (ab74114) at 1 µg/ml

Lane 1 : Over Expressing HA tagged KazrinA
Lane 2 : Over Expressing HA tagged KazrinE

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

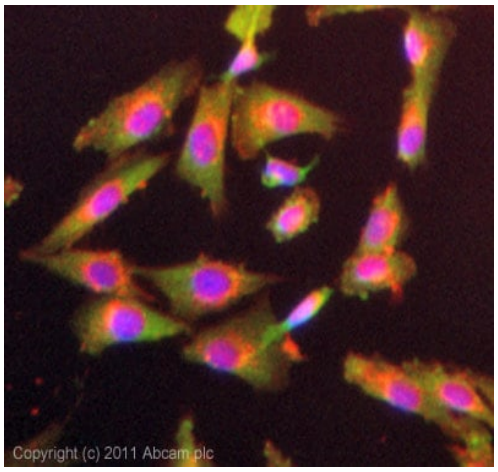
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 86 kDa
Observed band size: 100,53 kDa

Exposure time: 20 minutes

Several isoforms of Kazrin are expressed in human keratinoctyes. KazrinE is the longest isoform and has a predicted molecular weight of 86 kDa, however is expected to show a banding pattern around 100 kDa within western blotting. KazrinA is the most abundant isoform and has a predicted molecular weight of 47 kDa, however shows a banding pattern around 53 kDa on a western blot. Abcam recommends using milk (2%) as the blocking agent. Abcam welcomes customer feedback and would appreciate any comments regarding this product and the data presented above.



Immunocytochemistry/ Immunofluorescence - Anti-Kazrin antibody (ab74114)

ICC/IF image of ab74114 stained SKNSH cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab74114, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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