

Product datasheet

Anti-Kazrin antibody ab74114

2 图像

概述

产品名称	Anti-Kazrin抗体
描述	兔多克隆抗体to Kazrin
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow 
免疫原	Synthetic peptide corresponding to Human Kazrin aa 300-400 conjugated to keyhole limpet haemocyanin. (Peptide available as ab112064)
阳性对照	This antibody gave a positive signal in Kazrin over-expressing cell lines: HA tagged KazrinA and HA tagged KazrinE.
常规说明	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

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ab74114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
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.

靶标

功能

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.

组织特异性

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).

序列相似性

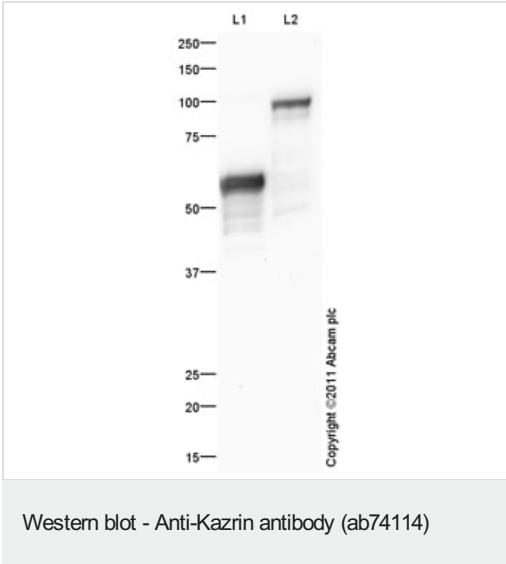
Belongs to the kazrin family.

Contains 3 SAM (sterile alpha motif) domains.

细胞定位

Cytoplasm > cytoskeleton and Cytoplasm. Cell junction > desmosome. Nucleus. Observed at the apical plasma membrane 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.

图片



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.

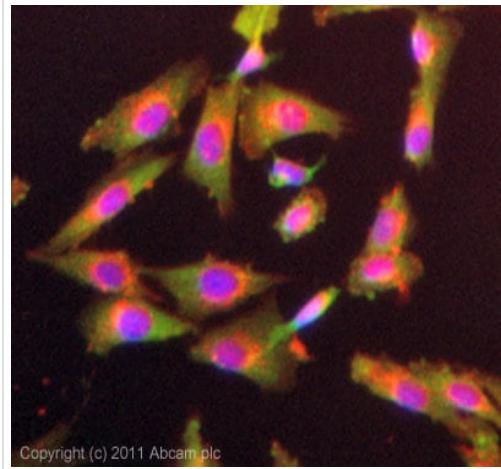
Performed under reducing conditions.

Predicted band size: 86 kDa

Observed band size: 100,53 kDa

Exposure time: 20 minutes

Several isoforms of Kazrin are expressed in human keratinocytes. 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.



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, 5 μ g/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 1.43 μ M.

Copyright (c) 2011 Abcam plc

Immunocytochemistry/ Immunofluorescence - Anti-Kazrin antibody (ab74114)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors