

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 conjugated to KLH derived from within residues 300 - 400 of Human Kazrin. 参阅Abcam的专有抗源政策
阳性对照	This antibody gave a positive signal in Kazrin over-expressing cell lines: HA tagged KazrinA and HA tagged KazrinE.

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 Note: 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

Our [Abpromise guarantee](#) covers the use of **ab74114** in the following tested applications.

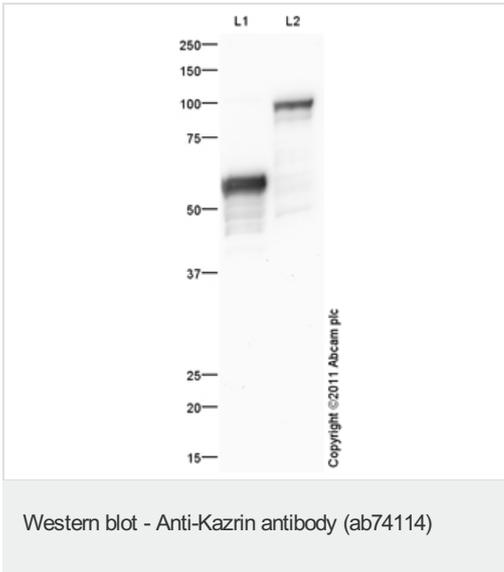
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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 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.

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.

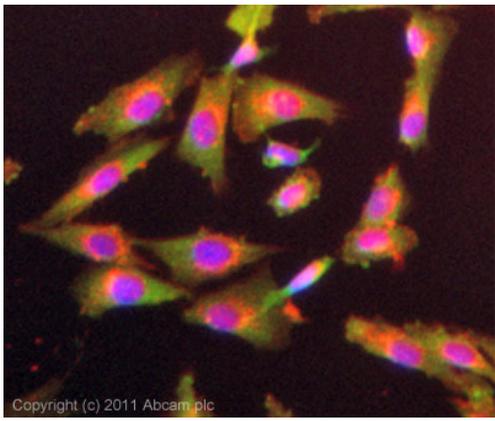
Performed under reducing conditions.

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.



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.

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