

For Research Use Only

# Kazrin Polyclonal antibody

Catalog Number: 11572-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

11572-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2152

### GenBank Accession Number:

BC035501

### GeneID (NCBI):

23254

### UNIPROT ID:

Q674X7

### Full Name:

kazrin

### Calculated MW:

415 aa, 46 kDa

### Observed MW:

46 kDa, 37 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB :** mouse skin tissue, mouse heart tissue, human heart tissue, mouse brain tissue, rat heart tissue, rat skin tissue

**IHC :** human colon cancer tissue, mouse skin tissue

## Background Information

Kazrin is an evolutionarily conserved protein that is upregulated during keratinocyte terminal differentiation. Kazrin localizes to desmosomes and binds the epidermal cornified envelope protein periplakin. Kazrin exists three isoforms: kazrin A (46.7 kDa), kazrin B (46 kDa), and kazrin C (37 kDa).

## Notable Publications

Author	Pubmed ID	Journal	Application
Chhatriwala Mariya K MK	22513779	J Invest Dermatol	WB,IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

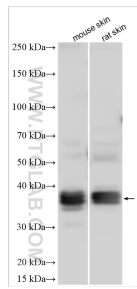
For technical support and original validation data for this product please contact:

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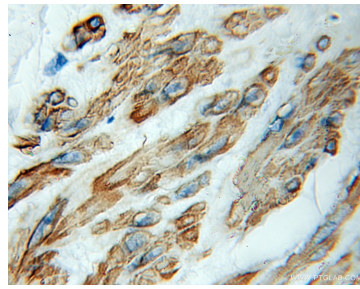
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11572-1-AP (kazrin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 11572-1-AP (kazrin antibody) at dilution of 1:100 (under 10x lens).