

Datasheet for ABIN7431896  
**anti-KRT14 antibody (AA 111-418)**



[Go to Product page](#)

2 Images

## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                    |
| Target:              | KRT14                                                                                                     |
| Binding Specificity: | AA 111-418                                                                                                |
| Reactivity:          | Human                                                                                                     |
| Host:                | Rabbit                                                                                                    |
| Clonality:           | Polyclonal                                                                                                |
| Conjugate:           | This KRT14 antibody is un-conjugated                                                                      |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|                   |                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Cytokeratin 14 (CK14)                                                                                                                                   |
| Immunogen:        | Recombinant Cytokeratin 14 (CK14) corresponding to Leu111~Leu418 (Accession # P02533)                                                                                          |
| Isotype:          | IgG                                                                                                                                                                            |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against CK14. It has been selected for its ability to recognize CK14 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat                                                                                                                                                                            |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                         |

## Target Details

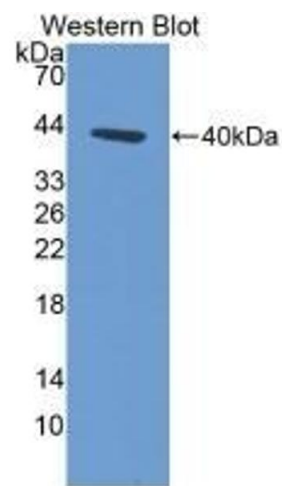
|                   |                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------|
| Target:           | KRT14                                                                                                                    |
| Alternative Name: | CK14 ( <a href="#">KRT14 Products</a> )                                                                                  |
| Background:       | KRT14, EBS3, EBS4, K14, Keratin 14, Epidermolysis Bullosa Simplex Dowling-Meara Koebner, Keratin, type I cytoskeletal 14 |
| UniProt:          | <a href="#">P02533</a>                                                                                                   |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                        |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

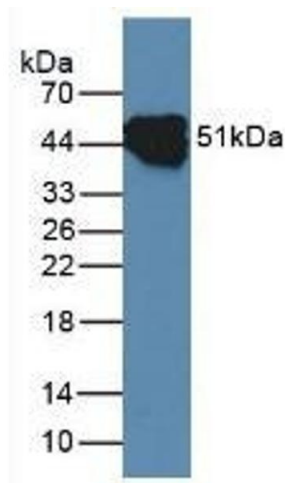
## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 0.5 mg/mL                                                                                                                                                       |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin, Sodium azide                                                                                                                                           |
| Precaution of Use: | This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.                               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months                                                                                                                                                       |



Western Blotting

**Image 1.** Detection of Recombinant KRT14, Human using Polyclonal Antibody to Cytokeratin 14 (CK14)



Western Blotting

**Image 2.** Detection of CK14 in Rat Skin Tissue using Polyclonal Antibody to Cytokeratin 14 (CK14)