

Datasheet for ABIN1533320  
**anti-KRT15 antibody (AA 1-50)**



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2 Images

## Overview

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Quantity:            | 100 µL                                                   |
| Target:              | KRT15                                                    |
| Binding Specificity: | AA 1-50                                                  |
| Reactivity:          | Human, Rat, Mouse                                        |
| Host:                | Rabbit                                                   |
| Clonality:           | Polyclonal                                               |
| Conjugate:           | This KRT15 antibody is un-conjugated                     |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

## Product Details

|               |                                                                                             |
|---------------|---------------------------------------------------------------------------------------------|
| Immunogen:    | The antiserum was produced against synthesized peptide derived from human Keratin 15.       |
| Isotype:      | IgG                                                                                         |
| Specificity:  | Keratin 15 Antibody detects endogenous levels of total Keratin 15 protein.                  |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity:       | > 95 %                                                                                      |

## Target Details

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Target:           | KRT15                                                                 |
| Alternative Name: | Keratin 15 ( <a href="#">KRT15 Products</a> )                         |
| Background:       | Synonyms: Keratin, type I cytoskeletal 15, Cytokeratin-15, CK-15, K15 |

## Target Details

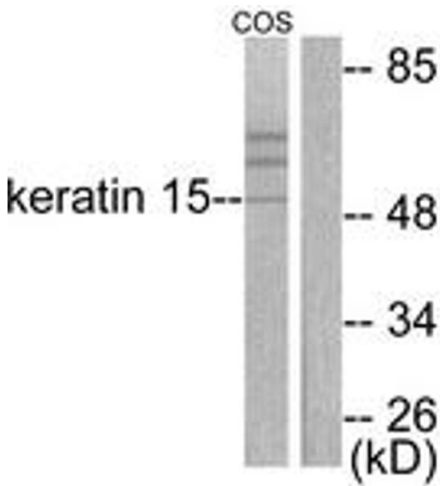
|                   |                         |
|-------------------|-------------------------|
|                   | NCBI Gene Symbol: KRT15 |
| Molecular Weight: | 49 kDa                  |
| Gene ID:          | 3866                    |
| OMIM:             | 148030                  |
| UniProt:          | <a href="#">P19012</a>  |

## Application Details

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Application Notes: | WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000     |
| Comment:           | Unigene-Number: Hs.654570 (NCBI Gene Symbol: KRT15) |
| Restrictions:      | For Research Use only                               |

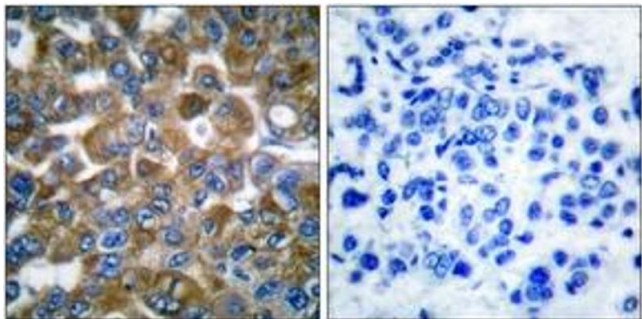
## Handling

|                    |                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                  |
| Concentration:     | 1 mg/mL                                                                                                                                 |
| Buffer:            | phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative:      | Sodium azide                                                                                                                            |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Storage:           | -20 °C                                                                                                                                  |
| Storage Comment:   | Stable at -20°C for at least 1 year.                                                                                                    |
| Expiry Date:       | 12 months                                                                                                                               |



Western Blotting

**Image 1.** Western blot analysis of extracts from COS7 cells, using Keratin 15 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Keratin 15 Antibody. The picture on the right is treated with the synthesized peptide.