

Datasheet for ABIN2854839  
**anti-KRT20 antibody (C-Term)**



[Go to Product page](#)

2 Images

## Overview

|                      |                                                                                    |
|----------------------|------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                             |
| Target:              | KRT20                                                                              |
| Binding Specificity: | C-Term                                                                             |
| Reactivity:          | Human                                                                              |
| Host:                | Rabbit                                                                             |
| Clonality:           | Polyclonal                                                                         |
| Conjugate:           | This KRT20 antibody is un-conjugated                                               |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                   |                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:        | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Cytokeratin 20. The exact sequence is proprietary. |
| Isotype:          | IgG                                                                                                                                                           |
| Cross-Reactivity: | Human                                                                                                                                                         |
| Characteristics:  | Rabbit polyclonal antibody to Cytokeratin 20 (keratin 20)<br>Cytokeratin 20 antibody [C2C3], C-term                                                           |
| Purification:     | Purified by antigen-affinity chromatography.                                                                                                                  |

## Target Details

|         |       |
|---------|-------|
| Target: | KRT20 |
|---------|-------|

## Target Details

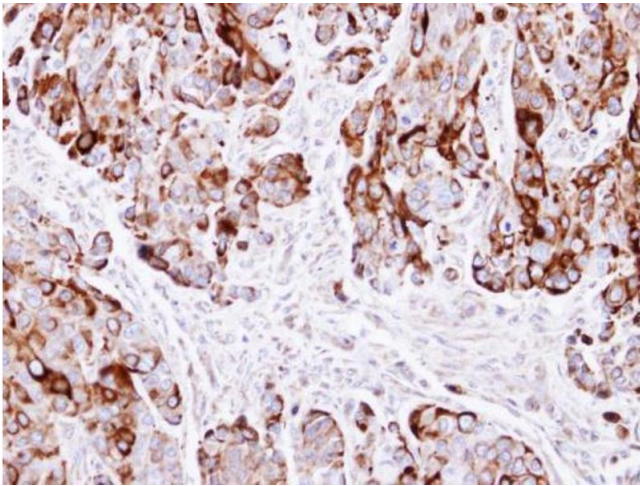
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | keratin 20 ( <a href="#">KRT20 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Background:       | <p>The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21.</p> <p>Cellular Localization: Cytoplasm</p> |
| Molecular Weight: | 48 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID:          | 54474                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| UniProt:          | <a href="#">P35900</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Application Details

|                    |                                                                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment:           | Positive Control: HeLaS3                                                                                                                          |
| Restrictions:      | For Research Use only                                                                                                                             |

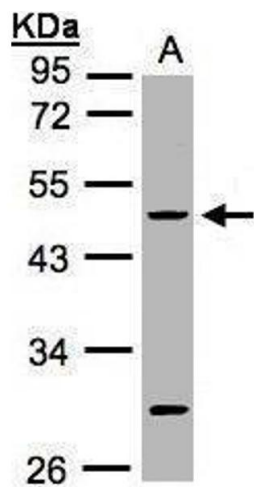
## Handling

|                    |                                                                                                                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                                                                                     |
| Concentration:     | 1 mg/mL                                                                                                                                                                                                                    |
| Buffer:            | 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal                                                                                                                                                                |
| Preservative:      | Thimerosal (Merthiolate)                                                                                                                                                                                                   |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                                         |
| Storage:           | 4 °C, -20 °C                                                                                                                                                                                                               |
| Storage Comment:   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |



#### Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded HT29 xenograft , using Cytokeratin 20, antibody at 1:500 dilution.



#### Western Blotting

**Image 2.** WB Image Sample(30 ug whole cell lysate) A:HeLa S3, 10% SDS PAGE antibody diluted at 1:1000