

Datasheet for ABIN1881485  
**anti-KRT20 antibody (C-Term)**



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## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 400 µL                               |
| Target:              | KRT20                                |
| Binding Specificity: | AA 377-401, C-Term                   |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This KRT20 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|               |                                                                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This KRT20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 377-401 amino acids from the C-terminal region of human KRT20. |
| Isotype:      | Ig Fraction                                                                                                                                                            |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                       |

## Target Details

|                   |                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | KRT20                                                                                                                                                                                              |
| Alternative Name: | KRT20 ( <a href="#">KRT20 Products</a> )                                                                                                                                                           |
| Background:       | Plays a significant role in maintaining keratin filament organization in intestinal epithelia. When phosphorylated, plays a role in the secretion of mucin in the small intestine (By similarity). |

## Target Details

|                   |                           |
|-------------------|---------------------------|
| Molecular Weight: | 48487                     |
| NCBI Accession:   | <a href="#">NP_061883</a> |
| UniProt:          | <a href="#">P35900</a>    |

## Application Details

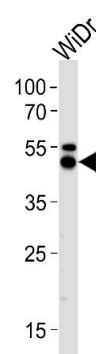
|                    |                       |
|--------------------|-----------------------|
| Application Notes: | WB: 1:1000            |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.                                           |
| 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:           | 4 °C,-20 °C                                                                                                            |
| Expiry Date:       | 6 months                                                                                                               |

## Publications

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product cited in: | <p>Zhou, Cadrin, Herrmann, Chen, Chalkley, Burlingame, Omary: "Keratin 20 serine 13 phosphorylation is a stress and intestinal goblet cell marker." in: <b>The Journal of biological chemistry</b>, Vol. 281, Issue 24, pp. 16453-61, (2006) (<a href="#">PubMed</a>).</p> <p>Calnek, Quaroni: "Differential localization by in situ hybridization of distinct keratin mRNA species during intestinal epithelial cell development and differentiation." in: <b>Differentiation; research in biological diversity</b>, Vol. 53, Issue 2, pp. 95-104, (1993) (<a href="#">PubMed</a>).</p> <p>Moll, Zimbelmann, Goldschmidt, Keith, Laufer, Kasper, Koch, Franke: "The human gene encoding cytokeratin 20 and its expression during fetal development and in gastrointestinal carcinomas." in: <b>Differentiation; research in biological diversity</b>, Vol. 53, Issue 2, pp. 75-93, (1993) (<a href="#">PubMed</a>).</p> |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Western Blotting

**Image 1.** KRT20 Antibody (C-term) (ABIN1881485 and ABIN2838464) western blot analysis in WiDr cell line lysates (35 µg/lane). This demonstrates the KRT20 antibody detected the KRT20 protein (arrow).