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Datasheet for ABIN2791632

## anti-Keratin 78 antibody (N-Term)

### 1 Image

#### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL                                    |
| Target:              | Keratin 78 (KRT78)                        |
| Binding Specificity: | N-Term                                    |
| Reactivity:          | Human                                     |
| Host:                | Rabbit                                    |
| Clonality:           | Polyclonal                                |
| Conjugate:           | This Keratin 78 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                     |

#### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N-terminal region of Human KRT78 |
| Sequence:             | GFSARSACSA RSRGRSRGGF SSRGGFSSRS LNSFGGCLEG SRGSTWGSGG                                     |
| Predicted Reactivity: | Human: 100%  |
| Characteristics:      | This is a rabbit polyclonal antibody against KRT78. It was validated on Western Blot.      |
| Purification:         | Affinity Purified  |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | Keratin 78 (KRT78)   |
| Alternative Name: | KRT78 ( <a href="#">KRT78 Products</a> )   |
| Background:       | This gene is a member of the type II keratin gene family and encodes a protein with an |

## Target Details

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intermediate filament domain. Keratins are the major structural proteins in epithelial cells, forming a cytoplasmic network of 10 to 12 nm wide intermediate filaments and creating a scaffold that gives cells the ability to withstand mechanical and non-mechanical stresses. The genes of the type II keratin family are located as a gene cluster at 12p13.13. Four pseudogenes of this gene family have been identified.

Alias Symbols: K5B, Kb40

Protein Interaction Partner: MDM2, Nphp4, IQCB1, UBC, CRK, COPS5, CUL2, CUL3, UCHL5, SIRT2,

Protein Size: 520

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Molecular Weight: 57 kDa

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Gene ID: 196374

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NCBI Accession: [NM\\_173352](#), [NP\\_775487](#)

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UniProt: [Q8N1N4](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

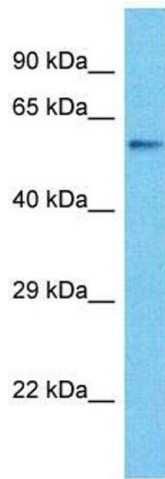
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

Image 1.