

Datasheet for ABIN2779142  
**anti-MATR3 antibody (C-Term)**



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1 Image

## Overview

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| Quantity:            | 100 µL                                                 |
| Target:              | MATR3                                                  |
| Binding Specificity: | C-Term                                                 |
| Reactivity:          | Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit |
| Host:                | Rabbit                                                 |
| Clonality:           | Polyclonal                                             |
| Conjugate:           | This MATR3 antibody is un-conjugated                   |
| Application:         | Western Blotting (WB)                                  |

## Product Details

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the C terminal region of human MATR3                                      |
| Sequence:             | ADDPNKDTSE NADGQSDENK DDYTIPDEYR IGPYQPNVPV GIDYVIPKTG                                                                          |
| Predicted Reactivity: | Cow: 100%, Dog: 86%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%                            |
| Characteristics:      | This is a rabbit polyclonal antibody against MATR3. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Protein A purified                                                                                                              |

## Target Details

|         |       |
|---------|-------|
| Target: | MATR3 |
|---------|-------|

## Target Details

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| Alternative Name: | MATR3 ( <a href="#">MATR3 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Background:       | <p>MATR3 is localized in the nuclear matrix. It may play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. The protein encoded by this gene is localized in the nuclear matrix. It may play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. Two transcript variants encoding the same protein have been identified for this gene. The protein encoded by this gene is localized in the nuclear matrix. It may play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. Two transcript variants encoding the same protein have been identified for this gene.</p> <p>Alias Symbols: DKFZp686K0542, DKFZp686K23100, KIAA0723, MGC9105, MPD2, VCPDM</p> <p>Protein Interaction Partner: RASD1, MATR3, UBC, HNRNPK, CEP250, AURKA, SUMO2, SUMO3, STAU1, LGR4, SUMO1, MDM2, RPA3, RPA2, RPA1, ERG, WWOX, EED, rev, PARK2, TARDBP, PAN2, ITGA4, IFIT2, FN1, MAP1LC3A, PTBP2, vpr, MAGOH, EIF4A3, PRKCDBP, NAA15, IARS2, SMU1, SARS2, STOML2, RRP7A, MYOF,</p> <p>Protein Size: 847</p> |
| Molecular Weight: | 94 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID:          | 9782                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NCBI Accession:   | <a href="#">NM_018834</a> , <a href="#">NP_061322</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| UniProt:          | <a href="#">P43243</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 847 AA                                                               |
| Restrictions:      | For Research Use only                                                              |

## Handling

|                |                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------|
| Format:        | Liquid                                                                                              |
| Concentration: | Lot specific                                                                                        |
| Buffer:        | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative:  | Sodium azide                                                                                        |

Handling

|                    |                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated 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. |

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-MATR3 Antibody Titration:  
2.5ug/ml Positive Control: HepG2 cell lysate