

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





#### Overview

| O V CI V I C V V      |   |
|-----------------------|---|
| 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 MATR                                       |
| 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   |
|                       |   |

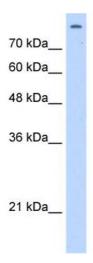
## **Target Details**

| Alternative Name:   | MATR3 (MATR3 Products)   |
|---------------------|--|
| Background:         | 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.                             |
|                     | Alias Symbols: DKFZp686K0542, DKFZp686K23100, KIAA0723, MGC9105, MPD2, VCPDM                       |
|                     | Protein Interaction Partner: RASD1, MATR3, UBC, HNRNPK, CEP250, AURKA, SUMO2, SUMO3,               |
|                     | STAU1, LGR4, SUM01, 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,  |
|                     | Protein Size: 847  |
| Molecular Weight:   | 94 kDa   |
| Gene ID:            | 9782   |
| NCBI Accession:     | NM_018834, NP_061322   |
| UniProt:            | P43243   |
| 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