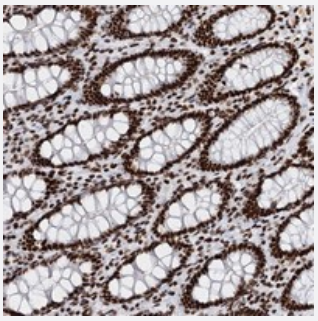
# MATR3 polyclonal antibody

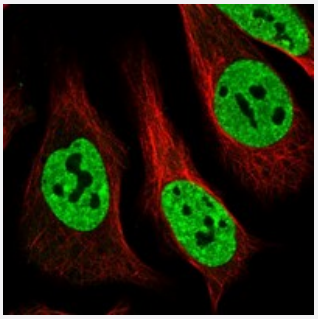
Catalog # PAB23027 Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon with MATR3 polyclonal antibody (Cat # PAB23027) shows strong nuclear positivity in glandular cells at 1:200-1:500 dilution.



### Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with MATR3 polyclonal antibody (Cat # PAB23027) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli.




### Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with MATR3 polyclonal antibody (Cat # PAB23027) at 1:250-1:500 dilution.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against recombinant MATR3. |
| **Immunogen** | Recombinant protein corresponding to amino acids of human MATR3. |

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| | |
|---|---|
| **Sequence** | LKRRRTEEGPTLSYGRDGRSATREPPYRVPRDDWEEKRHFRRDSFDDRGPSLNPVLDYDHGSR SQESGYYDRMDYEDDRLRDGERCRDD |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Antigen affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunohistochemistry (1:200-1:500)<br>Western Blot (1:250-1:500)<br>Immunofluorescence (1-4 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide) |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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## Gene Info — MATR3

| | |
|---|---|
| **Entrez GeneID** | 9782 |
| **Protein Accession#** | P43243 |

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| | |
|---|---|
| **Gene Name** | MATR3 |
| **Gene Alias** | DKFZp686K0542, DKFZp686K23100, KIAA0723, MGC9105 |
| **Gene Description** | matrin 3 |
| **Omim ID** | 164015 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is localized in the nuclear matrix. It may play a role in transcripti on 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. [provided by Ref Seq |
| **Other Designations** | - |

## Disease

- Chromosome Deletion
- Genetic Predisposition to Disease
- Lung Neoplasms
- Myelodysplastic Syndromes
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome

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