

Product Name: Matrin 3 Rabbit Monoclonal antibody**Catalog #: AMRe01414**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Concentration | 0.13mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Purification | Affinity Purified |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200 |
| Molecular Weight | Calculated MW: 95 kDa; Observed MW: 125 kDa |

Antigen Information

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|--------------------------|---------------------------------------|
| Gene Name | MATR3 |
| Alternative Names | KIAA0723; Matr3; Matrin3; MPD2; VCPDM |
| Gene ID | 9782 |
| SwissProt ID | P43243 |
| Immunogen | A synthetic peptide of human Matrin 3 |

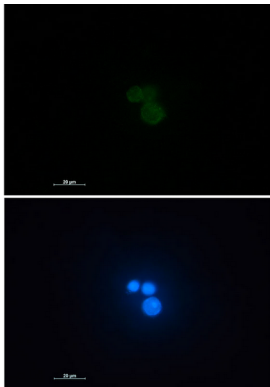
Background

May play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. In association with the SFPQ-NONO heteromer may play a role in nuclear retention of defective RNAs.

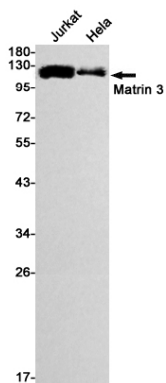
Research Area

Epigenetics and Nuclear Signaling

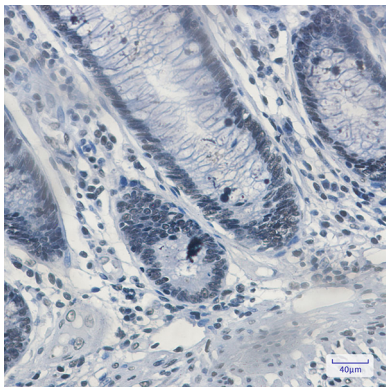
Image Data



Immunocytochemistry analysis of Matrin 3 (green) in HL-60 using Matrin 3 antibody, and DAPI (blue).



Western blot analysis of Matrin 3 in Jurkat, HeLa lysates using Matrin 3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using Matrin 3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.