

**Product Name: Matrin 3 (1G4) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe13671**

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## Summary

<b>Production Name</b>	Matrin 3 (1G4) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	MATR3
<b>Alternative Names</b>	KIAA0723; Matr3; Matrin3; MPD2; VCPDM;
<b>Gene ID</b>	9782.0
<b>SwissProt ID</b>	P43243.A synthetic peptide of human Matrin 3

## Application

<b>Dilution Ratio</b>	WB: 1:2000-1:10000
<b>Molecular Weight</b>	95kDa

## Background

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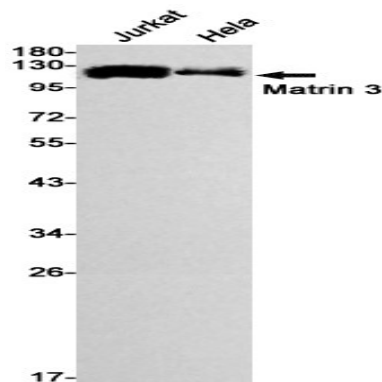
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May play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. In association with the SFPQ-NONO heteromer may play a role in nuclear retention of defective RNAs. May play a role in transcription 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. Plays a role in the regulation of DNA virus-mediated innate immune response by assembling into the HDP-RNP complex, a complex that serves as a platform for IRF3 phosphorylation and subsequent innate immune response activation through the cGAS-STING pathway (PubMed:<a href="http://www.uniprot.org/citations/28712728" target="\_blank">28712728</a>). May bind to specific miRNA hairpins (PubMed:<a href="http://www.uniprot.org/citations/28431233" target="\_blank">28431233</a>).

## Research Area

## Image Data



Western blot detection of MatrIn 3 in Jurkat,HeLa cell lysates using MatrIn 3 antibody(1:1000 diluted).

## Note

For research use only.