

Matrin 3 Rabbit mAb

Catalog # AP74822

Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	P43243
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	94623

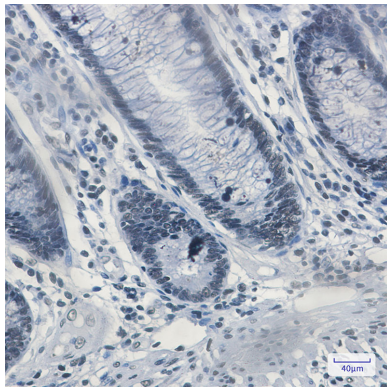
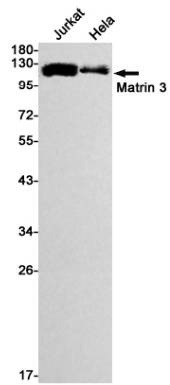
Additional Information

Gene ID	9782
Other Names	MATR3
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	MATR3
Synonyms	KIAA0723
Function	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: 28712728). Binds to N6-methyladenosine (m6A)-containing mRNAs and contributes to MYC stability by binding to m6A-containing MYC mRNAs (PubMed: 32245947). May bind to specific miRNA hairpins (PubMed: 28431233).
Cellular Location	Nucleus matrix.

Images



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