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Matrin 3 Antibody

Rabbit mAb
Catalog # AP91697

Product Information

Application	WB, IHC, IF, FC, ICC, IHF
Primary Accession	P43243
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	KIAA0723; Matr3; Matrin3; MPD2; VCPDM;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	94623

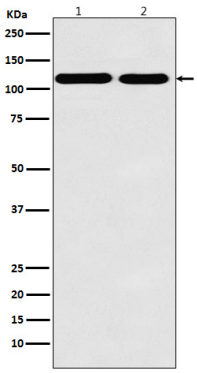
Additional Information

Dilution	WB 1:1000~1:5000 IHC 1:100~1:500 ICC/IF 1:50~1:200 FC 1:150
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Matrin 3
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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



Western blot analysis of Matrin 3 expression in (1) HEK293 cell lysate; (2) PC12 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.