

Anti-Matrin 3 Rabbit Monoclonal Antibody

Catalog # ABO15271

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P43243
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Matrin 3 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	9782
Other Names	Matrin-3, MATR3, KIAA0723
Calculated MW	94623
Application Details	WB 1:1000-1:5000 IHC 1:100-1:500 ICC/IF 1:50-1:200 FC 1:150
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 18M47
Immunogen	A synthesized peptide derived from human Matrin 3
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

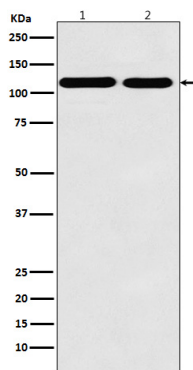
Name	MATR3
Synonyms	KIAA0723
Function	May play a role in transcription or may interact with other nuclear matrix

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



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'.