

KD-Validated Anti-Matrin 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1611

Product Information

Application	WB, FC, ICC
Primary Accession	P43243
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB535
Calculated MW	94623
Gene Name	MATR3
Aliases	Matrin 3; KIAA0723; VCPDM; Matrin-3; MGC9105; MPD2; Vocal Cord And Pharyngeal Weakness With Distal Myopathy; Myopathy, Distal 2; ALS21
Immunogen	A synthesized peptide derived from human Matrin 3

Additional Information

Gene ID	9782
Other Names	Matrin-3, MATR3, KIAA0723

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.

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