

For Research Use Only

MATR3 Monoclonal antibody

Catalog Number: 68280-1-Ig



Basic Information

Catalog Number: 68280-1-Ig	GenBank Accession Number: BC015031	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9782	CloneNo.: 3B12C7
Source: Mouse	Full Name: matrin 3	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Calculated MW: 847 aa, 95 kDa	
Immunogen Catalog Number: AG31502	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : LNCaP cells, rat brain tissue, A431 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, mouse brain tissue

Background Information

MATR3, known as KIAA0723, is an 847 amino acid protein, which may play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. MATR3 was originally identified as a nuclear matrix protein containing both DNA and RNA binding domains (PMID: 2033075) with a wide variety of functions ranging from DNA damage response to transcriptional and post-transcriptional regulation of cellular and viral RNAs (PMID: 21771346). The calculated molecular weight of MATR3 is 94 kDa, but we detect a 125 kDa protein as a result of PMID: 28977530.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

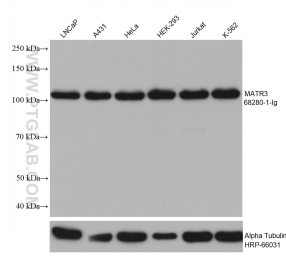
For technical support and original validation data for this product please contact:

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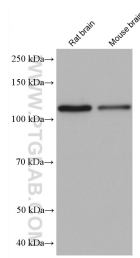
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68280-1-ig (MATR3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



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