

Rabbit anti-Human, Mouse Matrin 3 Polyclonal Antibody | anti-Matrin3 antibody

Rabbit anti-Matrin 3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211040	Rabbit	Human, Mouse	Immunohistochemistry, Immunohistochemistry, Immunoprecipitation, Western Blot

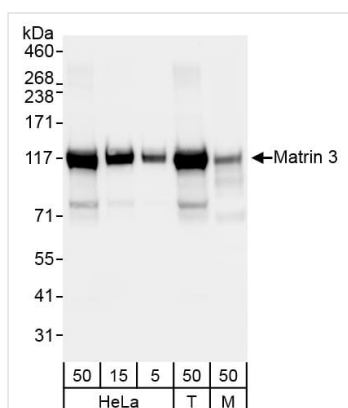
PRODUCT SYNONYMS

Matrin 3; Polyclonal Antibody; Rabbit anti-Matrin 3 Antibody; Affinity Purified; matrin-3; vocal cord and pharyngeal weakness with distal myopathy; ALS21; VCPDM; MPD2; Matrin-3; matrin 3; anti-Matrin3 antibody

PRODUCT SPECIFICATIONS

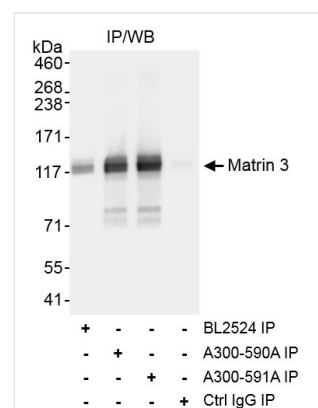
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-Matrin3 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 797 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



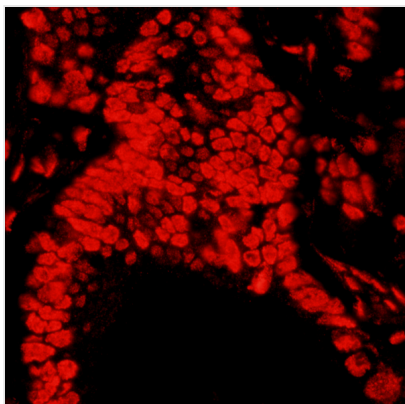
WB (Western Blot)

Detection of human and mouse Matrin 3 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T, 50 ug) and mouse NIH 3T3 (M, 50 ug) cells. Antibodies: Affinity purified rabbit anti-Matrin 3 antibody AAA211040 (lot AAA211040-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



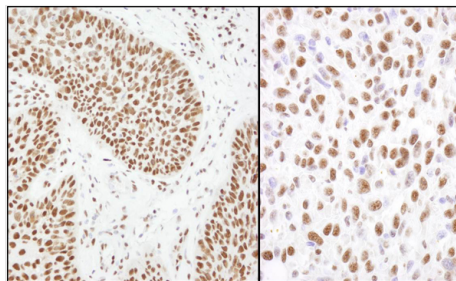
IP (Immunoprecipitation)

Detection of human Matrin 3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 1/4 of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Matrin 3 antibody AAA211040 (lot AAA211040-1) used for IP at 3 ug/mg lysate. Matrin 3 was also immunoprecipitated using rabbit anti-Matrin 3 antibodies BL2524 and AAA211040. For blotting immunoprecipitated Matrin 3, AAA211040 was used at 1 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human Matrin 3 by immunohistochemistry. Sample: FFPE section of human stomach carcinoma. Antibody: Affinity purified rabbit anti-Matrin 3 (Cat. No. AAA211040 lot 1) used at a dilution of 1:400 (0.5ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight 594 Conjugated used at a dilution of 1:100.



IHC (Immunohistochemistry)

Detection of human and mouse Matrin 3 by immunohistochemistry. Sample: FFPE section of human laryngeal squamous cell carcinoma (left) and mouse squamous cell carcinoma (right). Antibody: Affinity purified rabbit anti-Matrin 3 (Cat. No. AAA211040 lot 1) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-Matrin3 antibody	Matrin 3 is a nuclear matrix protein that has been observed to mediate multiple cellular processes. Matrin 3 can function to withhold defective RNAs within the nucleus by anchoring them to the nuclear matrix and modulate the promoter activity of genes proximal to matrix/scaffold attachment region (MAR/SAR). Matrin 3 has also been demonstrated to be the main PKA substrate following NMDA receptor activation in NMDA-induced neuronal cell death.
Product Categories/Family for anti-Matrin3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21626466
NCBI GeneID	9782
NCBI Accession #	NP_061322.2
NCBI GenBank Nucleotide #	NM_018834.5
UniProt Accession #	P43243 ; Q9UHW0 ; Q9UQ27 ; B7ZAV5 ; D3DQC3
Molecular Weight	62,576 Da
NCBI Official Full Name	matrin-3 isoform a
NCBI Official Synonym Full Names	matrin 3
NCBI Official Symbol	MATR3
NCBI Official Synonym Symbols	MPD2; ALS21; VCPDM
NCBI Protein Information	matrin-3; vocal cord and pharyngeal weakness with distal myopathy
UniProt Protein Name	Matrin-3
UniProt Gene Name	MATR3
UniProt Synonym Gene Names	KIAA0723
UniProt Entry Name	MATR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

