

Rabbit NM23A Polyclonal Antibody | anti-NME1 antibody

Anti-NM23A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45483	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

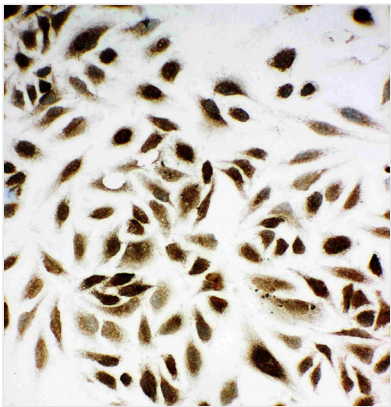
PRODUCT SYNONYMS

NM23A; Polyclonal Antibody; Anti-NM23A antibody; Nucleoside diphosphate kinase A(NDK A); NME/NM23 nucleoside diphosphate kinase 1; AWD antibody; AWD; drosophila; homolog of antibody; GAAD antibody; Granzyme A activated DNase antibody; Granzyme A-activated DNase antibody; GZMA activated DNase antibody; Metastasis inhibition factor NM23 antibody; NB antibody; NBS antibody; NDK A antibody; NDKA antibody; NDKA_HUMAN antibody; NDP kinase A antibody; NDPK-A antibody; NDPKA antibody; NM23 antibody; NM23 long variant; included antibody; nm23-H1 antibody; NM23-M1 antibody; NM23H1B; NME/NM23 nucleoside diphosphate kinase 1 antibody; Nme1 antibody; NME1-NME2 spliced read-through transcript; Non-metastatic cells 1; protein(NM23A) expressed in antibody; Nonmetastatic cells 1; protein expressed in antibody; Nonmetastatic protein 23 antibody; Nonmetastatic protein 23; homolog 1 antibody; Nucleoside diphosphate kinase A antibody; Tumor metastatic process-associated protein antibody; anti-NME1 antibody

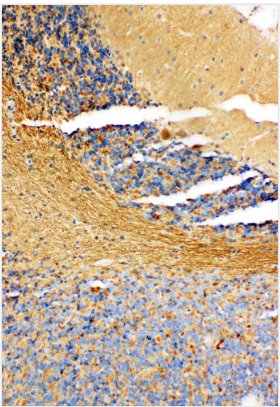
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	152
Applicable Applications for anti-NME1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human NM23A (137-152aa EELVDYTSCAQNWIIYE), different from the related mouse sequence by two amino acids and from rat sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

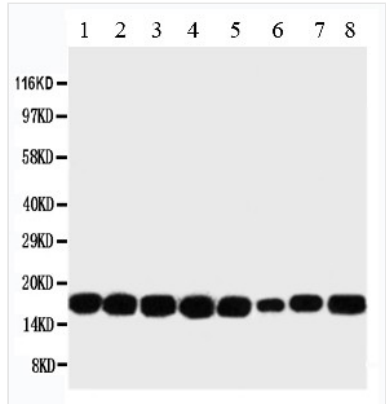
IMAGES



ICC (Immunocytochemistry)
Anti-NM23A antibody, AAA45483, ICCIC: HEK293T Cell



IHC (Immunohistochemistry)
Anti-NM23A antibody, AAA45483, IHC(P)IHC(P): Rat Cerebellum Tissue



WB (Western Blot)
Anti-NM23A antibody, AAA45483, Western blottingLane 1: Rat Heart Tissue LysateLane 2: Rat Brain Tissue LysateLane 3: Rat Liver Tissue LysateLane 4: Rat Skeletal Muscle Tissue LysateLane 5: PANC Cell LysateLane 6: HEK293T Cell LysateLane 7: SKOV3 Cell LysateLane 8: COLO320 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-NME1 antibody	Description: Rabbit IgG polyclonal antibody for Nucleoside diphosphate kinase A(NME1) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat. Background: NME1(NME/NM23 nucleoside diphosphate kinase 1) also called non-metastatic cells 1, protein(NM23A) expressed in,NM23, NM23-H1, NDPKA, GAAD or AWD, is an enzyme that in humans is encoded by the NME1 gene. The promoters of the mouse and human NME1 genes, like those of other NME genes, contain several binding sites for AP2, NF1, Sp1, LEF1, and response elements to glucocorticoid receptors. The NME1 gene is mapped on 17q21.33. Immunofluorescence microscopy demonstrated colocalization of NME1 in nuclei of B cells expressing EBNA3C. Expression of EBNA3C reversed the ability of NME1 to inhibit migration of BL and breast carcinoma cells. NM23H1 bound SET and was released from inhibition by GZMA cleavage of SET. After GZMA loading or cytotoxic T lymphocyte attack, SET and NM23H1 translocated to the nucleus and SET was degraded, allowing NM23H1 to nick chromosomal DNA. Using a Drosophila model system, Dammai et al.(2003) showed that the Drosophila NME1 homolog, awd, regulates trachea cell motility by modulating FGFR levels through a dynamin - mediated pathway.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	127981
NCBI GeneID	4830
UniProt Accession #	P15531; Q6FGK3; Q86XQ2; Q9UDJ6
Molecular Weight	30,137 Da

NCBI Official Full Name	Nucleoside diphosphate kinase A
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 1
NCBI Official Symbol	NME1
NCBI Official Synonym Symbols	NB; AWD; NBS; GAAD; NDKA; NM23; NDPKA; NDPK-A; NM23-H1
NCBI Protein Information	nucleoside diphosphate kinase A; NDP kinase A; granzyme A-activated DNase; metastasis inhibition factor nm23; tumor metastatic process-associated protein; non-metastatic cells 1, protein (NM23A) expressed in
UniProt Protein Name	Nucleoside diphosphate kinase A
UniProt Gene Name	NME1
UniProt Synonym Gene Names	NDPKA; NM23; NDK A; NDP kinase A; GAAD
UniProt Entry Name	NDKA_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nm23a-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45483>