

NM23A Polyclonal Antibody | anti-NM23A antibody

Anti-NM23A Antibody

CATALOG # AAA46563	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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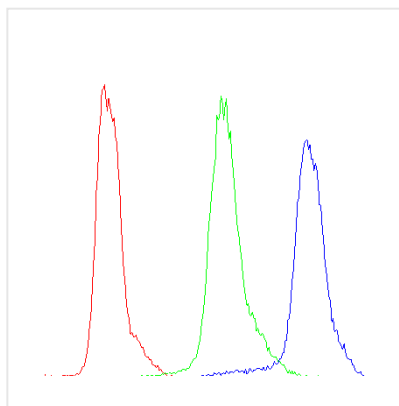
PRODUCT SYNONYMS

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

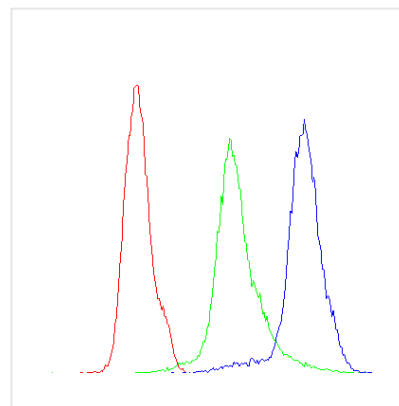
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	152
Applicable Applications for anti-NM23A antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human NM23A (26-58aa KRFEQKGFRLVGLKFMQASEDLLKEHYVDLKDR), different from the related mouse and rat sequences by two amino acids.
Ig Type	Rabbit IgG
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 aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

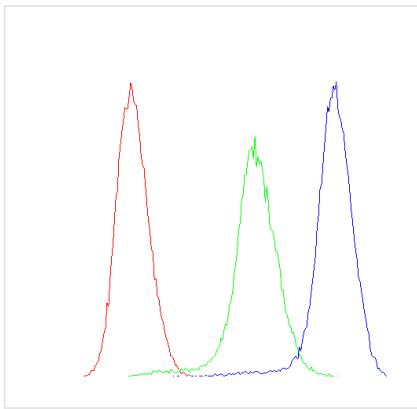
IMAGES



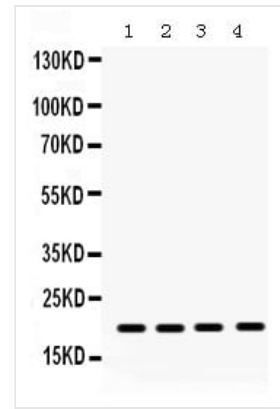
Application Data



Application Data



Application Data



WB (Western Blot)

Anti- NM23A antibody, Western blotting/All lanes: Anti NM23A at 0.5ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-NM23A antibody	Description: Rabbit IgG polyclonal antibody for Nucleoside diphosphate kinase A(NME1) detection. Tested with WB 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.
References	1. Chang, C. L., Zhu, X., Thoraval, D. H., Ungar, D., Rawwas, J., Hora, N., Strahler, J. R., Hanash, S. M., Radany, E. nm23-H1 mutation in neuroblastoma. (Letter) Nature 370: 335-336, 1994. 2. Dammai, V., Adryan, B., Lavenburg, K. R., Hsu, T. Drosophila awd, the homolog of human nm23, regulates FGF receptor levels and functions synergistically with shi/dynamin during tracheal development. Genes Dev. 17: 2812-2824, 2003. 3. Dooley, S., Seib, T., Engel, M., Theisinger, B., Janz, H., Piontek, K., Zang, K.-D., Welter, C. Isolation and characterization of the human genomic locus coding for the putative metastasis control gene nm23-H1. Hum. Genet. 93: 63-66, 1994.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557797
NCBI GeneID	4830
NCBI Accession #	NP_000260.1
NCBI GenBank Nucleotide #	NM_000269.2
UniProt Accession #	P15531 ; Q6FGK3 ; Q86XQ2 ; Q9UDJ6
Molecular Weight	30,137 Da
NCBI Official Full Name	nucleoside diphosphate kinase A isoform b
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

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-western-blot-elisa/46563>