

Rabbit NME2 Polyclonal Antibody | anti-NME2 antibody

Anti-NME2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45386	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NME2; Polyclonal Antibody; Anti-NME2 antibody; Nucleoside diphosphate kinase B(NDK B); NME/NM23 nucleoside diphosphate kinase 2; C myc purine binding transcription factor PUF antibody; C myc transcription factor antibody; C-myc purine-binding transcription factor PUF antibody; Histidine protein kinase NDKB antibody; MGC111212 antibody; MGC2212 antibody; NDK B antibody; NDKB antibody; NDKB_HUMAN antibody; NDP kinase B antibody; NDPK B antibody; NDPKB antibody; NM23 H2 antibody; nm23-H2 antibody; NM23B antibody; nme2 antibody; Non metastatic cells 2; protein(NM23B) expressed in antibody; Nucleoside diphosphate kinase B antibody; Nucleotide diphosphate kinase B antibody; PUF antibody; anti-NME2 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-NME2 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human NME2 (137-152aa EELVDYKSCAHDWVYE), different from the related mouse and rat sequences 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-NME2 antibody, AAA45386, ICCICC: HELA Cell


IHC (Immunohistochemistry)

Anti-NME2 antibody, AAA45386, IHC(P)IHC(P): Rat Cerebellum Tissue



IHC (Immunohistochemistry)

Anti-NME2 antibody, AAA45386, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)

Anti-NME2 antibody, AAA45386, 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: HELA Cell LysateLane 7: SMMC Cell LysateLane 8: U87 Cell LysateLane 9: COLO320 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-NME2 antibody

Description: Rabbit IgG polyclonal antibody for Nucleoside diphosphate kinase B(NME2) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat.

Background: NME2(NME/NM23 nucleoside diphosphate kinase 2) also called non-metastatic cells 2, protein(NM23B) expressed in, NM23-H2, NM23B or NDPKB, is identical to the beta subunit of human erythrocyte NDP kinase. Little to no expression was detected in other mouse tissues examined. Using Northern blot analysis, Masse et al.(2002) detected high expression of mouse Nme2, which they called nm23-M2, in heart, liver, and kidney, with intermediate expression in skeletal muscle. In situ hybridization of 15-day postcoitum mouse embryos showed ubiquitous Nme2 expression. The mouse and human NME2 genes contain 5 exons and span about 6.0 kb. The NME2 gene is mapped on 17q21.33. Srivastava et al.(2006) concluded that histidine phosphorylation regulates KCa3.1 channel activity and that NDPBK is critical to the channel activity and the activation of CD4 T cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	127983
NCBI GeneID	4831
UniProt Accession #	P22392; Q1WM23; Q6LCT6; A8MWA3
Molecular Weight	30,137 Da
NCBI Official Full Name	Nucleoside diphosphate kinase B
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 2
NCBI Official Symbol	NME2
NCBI Official Synonym Symbols	PUF; NDKB; NDPKB; NM23B; NDPK-B; NM23-H2
NCBI Protein Information	nucleoside diphosphate kinase B; HEL-S-155an; NDP kinase B; c-myc transcription factor; histidine protein kinase NDKB; nucleotide diphosphate kinase B; c-myc purine-binding transcription factor PUF; epididymis secretory sperm binding protein Li 155an; non-metastatic cells 2, protein (NM23) expressed in; non-metastatic cells 2, protein (NM23B) expressed in
UniProt Protein Name	Nucleoside diphosphate kinase B
UniProt Gene Name	NME2
UniProt Synonym Gene Names	NM23B; NDK B; NDP kinase B
UniProt Entry Name	NDKB_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://stage.aaabiotech.com/polyclonal/nme2-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45386>