

Rabbit anti-Human NME3 Polyclonal Antibody | anti-NME3 antibody

NME3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287251	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

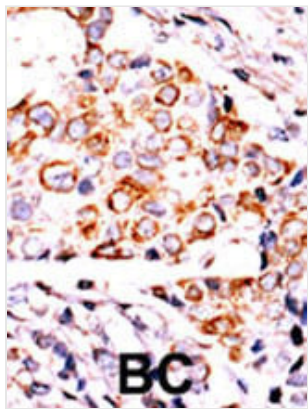
PRODUCT SYNONYMS

NME3; Polyclonal Antibody; NME3 Antibody (Center); Nucleoside diphosphate kinase 3; NDK 3; NDP kinase 3; DR-nm23; Nucleoside diphosphate kinase C; NDPKC; nm23-H3; anti-NME3 antibody

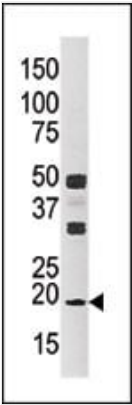
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NME3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 51-81 amino acids from the Central region of human NME3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	51-81
Sequence Length	169
Applicable Applications for anti-NME3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-NME3 Pab in CEM cell line tissue lysate (35ug/lane).NME3(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NME3 antibody	NME3 mRNA is preferentially expressed at early stages of myeloid differentiation of highly purified CD34(+) cells. Its constitutive expression in a myeloid precursor line, which is growth-factor dependent for both proliferation and differentiation, results in inhibition of granulocytic differentiation induced by granulocyte colony-stimulating factor and causes apoptotic cell death. These results appear consistent with a role for the NME3 gene in normal hematopoiesis and raise the possibility that its overexpression contributes to differentiation arrest, a feature of blastic transformation in chronic myelogenous leukemia.
Product Categories/Family for anti-NME3 antibody	Metabolism; Signal Transduction
References	Negroni, A., et al., Cell Death Differ. 7(9):843-850 (2000). Martinez, R., et al., Cancer Res. 57(6):1180-1187 (1997). Venturelli, D., et al., Proc. Natl. Acad. Sci. U.S.A. 92(16):7435-7439 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	37693993
NCBI GeneID	4832
NCBI Accession #	NP_002504.2
NCBI GenBank Nucleotide #	NM_002513.2
UniProt Accession #	Q13232; Q9BWH4
Molecular Weight	19015
NCBI Official Full Name	nucleoside diphosphate kinase 3
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 3
NCBI Official Symbol	NME3
NCBI Official Synonym Symbols	NDPKC; NDPK-C; NM23H3; DR-nm23; NM23-H3; c371H6.2
NCBI Protein Information	nucleoside diphosphate kinase 3
UniProt Protein Name	Nucleoside diphosphate kinase 3
UniProt Gene Name	NME3

UniProt Synonym Gene Names	NDK 3; NDP kinase 3; NDPKC
UniProt Entry Name	NDK3_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/nme3-antibody-immunohistochemistry-western-blot-elisa/287251>