Rabbit anti-Human NME4 Polyclonal Antibody | anti-NME4 antibody

NME4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287024	**Rabbit**	**Human**	**Immunohistochemistry, ELISA, Western Blot**

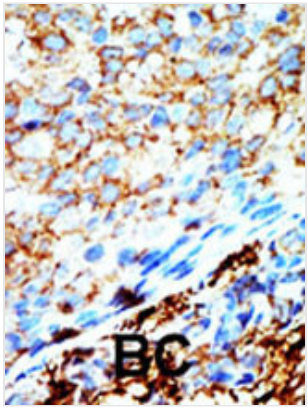
PRODUCT SYNONYMS

NME4; Polyclonal Antibody; NME4 Antibody (C-term); Nucleoside diphosphate kinase; mitochondrial; NDK; NDP kinase; Nucleoside diphosphate kinase D; NDPKD; nm23-H4; NM23D; anti-NME4 antibody

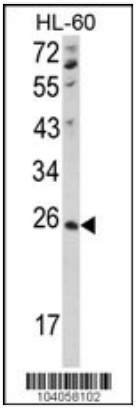
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NME4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 158-187 amino acids from the C-terminal region of human NME4.
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	158-187
Sequence Length	187
Applicable Applications for anti-NME4 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 AEC 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 hNME4-V173 in HL-60 cell line lysates (35ug/lane). NME4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NME4 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The AGC kinase group consists of 63 kinases including the cyclic nucleotide-regulated protein kinase (PKA & PKG) family, the diacylglycerol-activated/phospholipid-dependent protein kinase C (PKC) family, the related to PKA and PKC (RAC/Akt) protein kinase family, the kinases that phosphorylate G protein-coupled receptors family (ARK), and the kinases that phosphorylate ribosomal protein S6 family (RSK).
Product Categories/Family for anti-NME4 antibody	Metabolism; Neuroscience; Signal Transduction
References	Milon, L., et al., Hum. Genet. 99(4):550-557 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826862
NCBI GeneID	4833
NCBI Accession #	NP_005000.1
NCBI GenBank Nucleotide #	NM_005009.2
UniProt Accession #	O00746; Q5U0M9; A2IDD0
Molecular Weight	20659
NCBI Official Full Name	nucleoside diphosphate kinase, mitochondrial isoform a
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 4
NCBI Official Symbol	NME4
NCBI Official Synonym Symbols	NDPK-D; NM23H4; nm23-H4
NCBI Protein Information	nucleoside diphosphate kinase, mitochondrial
UniProt Protein Name	Nucleoside diphosphate kinase, mitochondrial

UniProt Gene Name	**NME4**
UniProt Synonym Gene Names	NM23D; NDK; NDP kinase, mitochondrial; NDPKD
UniProt Entry Name	NDKM_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/nme4-antibody-immunohistochemistry-western-blot-elisa/287024