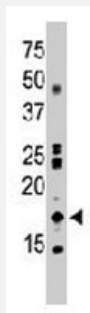


NME2 polyclonal antibody

Catalog # PAB3291

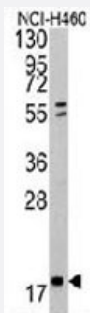
Size 400 uL

Applications



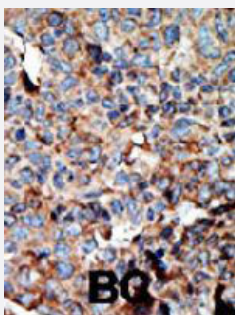
Western Blot (Tissue lysate)

Western blot analysis of NME2 polyclonal antibody (Cat # PAB3291) in mouse brain tissue lysate. NME2 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Western Blot (Cell lysate)

Western blot analysis of NME2 polyclonal antibody (Cat # PAB3291) in NCI-H460 cell line lysates (35 ug/lane). NME2 (arrow) was detected using the purified polyclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with NME2 polyclonal antibody (Cat # PAB3291), 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.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of NME2.

Immunogen

A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human NME2.

Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	Immunofluorescence (1:10-50) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Immunofluorescence

Gene Info — NME2

Entrez GeneID [4831](#)

Protein Accession# [P22392](#)

Gene Name	NME2
Gene Alias	MGC111212, NDPK-B, NDPKB, NM23-H2, NM23B, puf
Gene Description	non-metastatic cells 2, protein (NM23B) expressed in
Omim ID	156491
Gene Ontology	Hyperlink
Gene Summary	Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by NME1) and 'B' (encoded by this gene) isoforms. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene. Co-transcription of this gene and the neighboring upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) which encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq]
Other Designations	NDP kinase B OTTHUMP00000174727 OTTHUMP00000174728 OTTHUMP00000174774 OTTHUMP00000174775 OTTHUMP00000174776 c-myc transcription factor non-metastatic cells 2, protein (NM23) expressed in

Publication Reference

- [Nm23/NDP kinases in human male germ cells: role in spermiogenesis and sperm motility?](#)

Munier A, Serres C, Kann ML, Boissan M, Lesaffre C, Capeau J, Fouquet JP, Lacombe ML.
Experimental Cell Research 2003 Oct; 289(2):295.

Application: ELISA, IEM, IF, IHC-P, WB, Human, Spermatozoa, Testis biopsies

- [Human brain nucleoside diphosphate kinase activity is decreased in Alzheimer's disease and Down syndrome.](#)

Kim SH, Fountoulakis M, Cairns NJ, Lubec G.
Biochemical and Biophysical Research Communications 2002 Aug; 296(4):970.

Application: WB-Ti, Human, Brain

- [Expression of cell surface NM23 proteins of human leukemia cell lines of various cellular lineage and differentiation stages.](#)

Okabe-Kado J, Kasukabe T, Honma Y.
Leukemia Research 2002 Jun; 26(6):569.

Application: CDC, Flow Cyt, Human, HL60, HEL, K562 cells

Pathway

- [Metabolic pathways](#)

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)