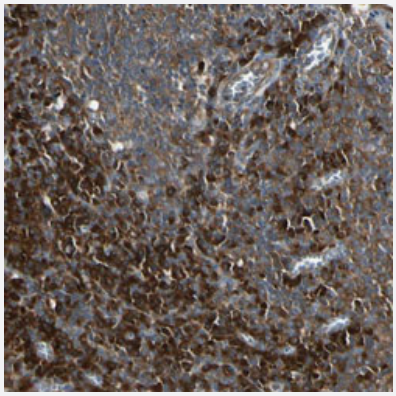
NME1 polyclonal antibody

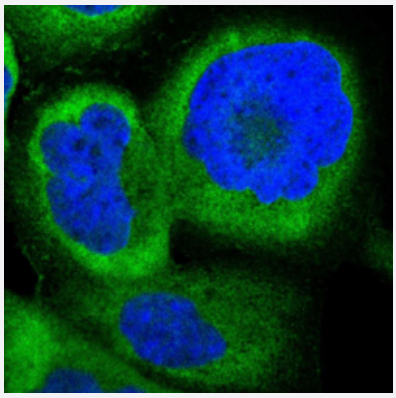
Catalog # PAB27463 Size 100 uL

Applications



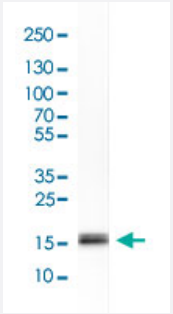
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.



Immunofluorescence

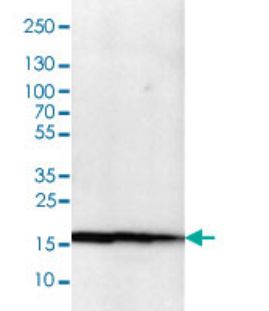
Immunofluorescent staining of A-431 cells.



Western Blot (Cell lysate)

Western blot analysis in A-549 cell lysate.

Copyright © 2023 Abnova Corporation. All Rights Reserved.



Western Blot (Cell lysate)

Western blot analysis of Lane 1: NIH-3T3 cell lysate; Lane 2: NBT-II cell lysate; Lane 3: PC-12 cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NME1.
Immunogen	Recombinant protein corresponding to amino acids of human NME1.
Sequence	MVLLSTLGIVFQGEGPPISSCDTGTMANCERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVGLKFMQ
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) Immunofluorescence (0.25-2 ug/mL) Western Blot (0.04-0.4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2, (40% glycerol, 0.02% 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 shoul d be handled by trained staff only.

Applications

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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

  Immunohistochemical staining of human tonsil.

- Immunofluorescence

  Immunofluorescent staining of A-431 cells.

- Western Blot (Cell lysate)

  Western blot analysis in A-549 cell lysate.

- Western Blot (Cell lysate)

  Western blot analysis of Lane 1: NIH-3T3 cell lysate; Lane 2: NBT-II cell lysate; Lane 3: PC-12 cell lysate.

Gene Info — NME1

Entrez GeneID	4830
Protein Accession#	P15531
Gene Name	NME1
Gene Alias	AWD, GAAD, NB, NBS, NDPK-A, NDPKA, NM23, NM23-H1
Gene Description	non-metastatic cells 1, protein (NM23A) expressed in
Omim ID	156490 256700
Gene Ontology	Hyperlink
Gene Summary	This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metasta tic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded b y this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in a ggressive neuroblastomas. Two transcript variants encoding different isoforms have been found f or this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generat es naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of se quence sharing identity with each individual gene product. [provided by RefSeq
Other Designations	NDP kinase A|OTTHUMP00000174772

Pathway

- Metabolic pathways
- Purine metabolism

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Pyrimidine metabolism

Disease

- Breast cancer
- Breast Neoplasms
- Carcinoma
- Endometrial Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Neoplasm Metastasis

Copyright © 2023 Abnova Corporation. All Rights Reserved.