Product Datasheet

NME1 Antibody

Catalog No: #31103

Package Size: #31103-1 50ul #31103-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	NME1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total NME1 protein.
Immunogen Type	Recombinant protein
Immunogen Description	Full length fusion protein
Target Name	NME1
Other Names	NME/NM23 nucleoside diphosphate kinase 1, NB, AWD, NBS, GAAD, NDKA, NM23, NDPKA, NDPK-A, NM23-H1
Accession No.	Swiss-Prot:P15531Gene ID:4830;
Uniprot	P15531
GeneID	4830;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

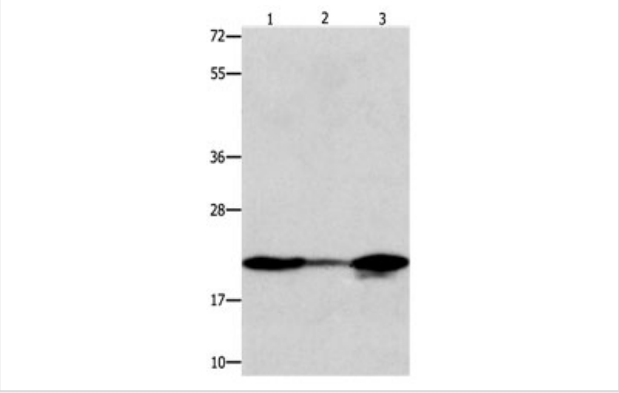
Predicted MW: 20kd

ELISA: 1:2000-1:5000

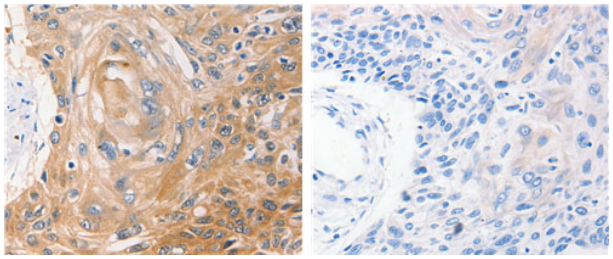
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%+12%SDS-PAGE
Lane1: 231 cell lysate
Lane2: A549 cell lysate
Lane3: Human liver cancer tissue lysate
Lysates: 40 ug per lane
Primary antibody: 1/600 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 10 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 31103(NME1 Antibody) at dilution 1/40, on the right is treated with the fusion protein.

Background

This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.

Note: This product is for in vitro research use only