NME7 Antibody

Catalog No: #35840

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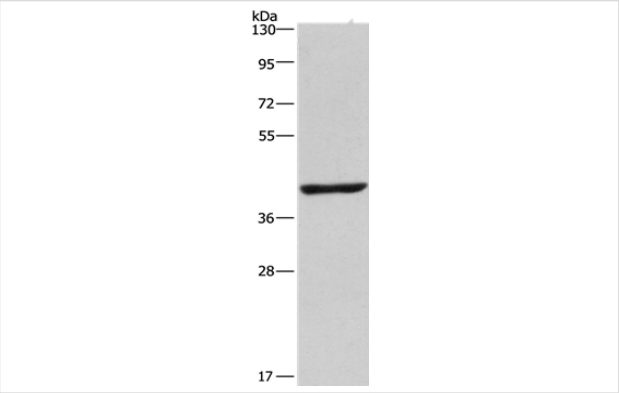
Description

Product Name	NME7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NME7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human NME/NM23 family member 7
Target Name	NME7
Other Names	NDK7; NDK 7; MN23H7; nm23-H7
Accession No.	Swiss-Prot#: Q9Y5B8NCBI Gene ID: 29922Gene Accssion: BC006983
Uniprot	Q9Y5B8
GeneID	29922;
SDS-PAGE MW	42kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 10%SDS-PAGE
Lysate: 40ug 293T cell
Primary antibody: 1/300 dilution
Secondary antibody dilution: 1/8000
Exposure time: 2 minutes

Background

nm23-H7, also known as NME7 (non-metastatic cells 7), is a 376 amino acid protein that contains one DM10 domain and belongs to the NDK family. Using magnesium as a cofactor, nm23-H7 functions to catalyze the ATP-dependent creation of nucleoside triphosphates, thereby playing an essential

role in metabolic pathways throughout the body. The gene encoding nm23-H7 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, ParkinsonB‘B—s disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

Note: This product is for in vitro research use only