

Datasheet for ABIN391232
anti-NME3 antibody (AA 51-81)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	NME3
Binding Specificity:	AA 51-81
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NME3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NME3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 51-81 amino acids from the Central region of human NME3.
Clone:	RB5454
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	NME3
Alternative Name:	NME3 (NME3 Products)

Target Details

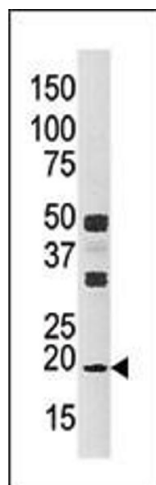
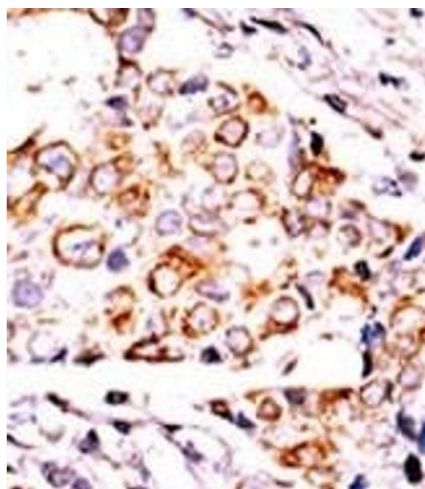
Background:	NME3 mRNA is preferentially expressed at early stages of myeloid differentiation of highly purified CD34(+) cells. Its constitutive expression in a myeloid precursor line, which is growth-factor dependent for both proliferation and differentiation, results in inhibition of granulocytic differentiation induced by granulocyte colony-stimulating factor and causes apoptotic cell death. These results appear consistent with a role for the NME3 gene in normal hematopoiesis and raise the possibility that its overexpression contributes to differentiation arrest, a feature of blastic transformation in chronic myelogenous leukemia.
Molecular Weight:	19015
Gene ID:	4832
NCBI Accession:	NP_002504
UniProt:	Q13232
Pathways:	Nucleotide Phosphorylation , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. Western blot analysis of anti-NME3 Pab (ABIN391232 and ABIN2841301) in CEM cell line tissue lysate (35 µg/lane). NME3 (arrow) was detected using the purified Pab.