

NME3 Rabbit mAb

Catalog # AP76620

Product Information

Application	WB, IHC-P, IP
Primary Accession	Q13232
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	19015

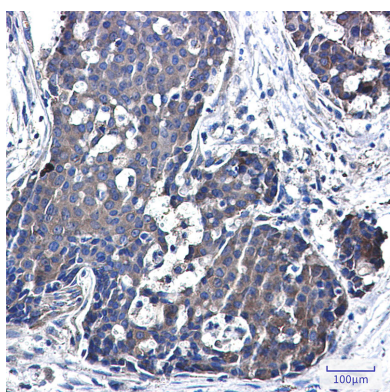
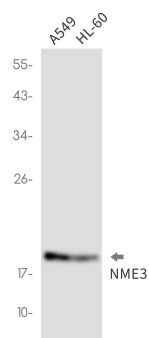
Additional Information

Gene ID	4832
Other Names	NME3
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	NME3 (HGNC:7851)
Function	Catalyzes the phosphorylation of ribonucleosides and deoxyribonucleoside diphosphates, other than ATP, into the corresponding triphosphates with ATP as the major phosphate donor (PubMed: 11277919 , PubMed: 30587587). The ATP gamma phosphate is transferred to the nucleoside diphosphate beta phosphate via a ping-pong mechanism, using a phosphorylated active-site intermediate. Through the catalyzed exchange of gamma-phosphate between di- and triphosphonucleosides participates in regulation of intracellular nucleotide homeostasis (PubMed: 11277919 , PubMed: 30587587). Inhibits granulocyte differentiation (PubMed: 7638209). May be required for ciliary function during renal development (By similarity).
Cellular Location	Mitochondrion outer membrane; Peripheral membrane protein. Cytoplasm Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250 UniProtKB:Q9WV85}

Images



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