

Rabbit anti-Human NME7 Polyclonal Antibody | anti-NME7 antibody

NME7 Antibody (N-term)

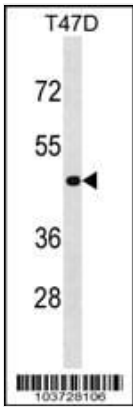
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288069	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

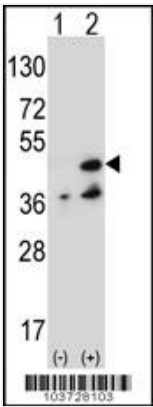
NME7; Polyclonal Antibody; NME7 Antibody (N-term); Nucleoside diphosphate kinase 7; NDK 7; NDP kinase 7; nm23-H7; anti-NME7 antibody

PRODUCT SPECIFICATIONS

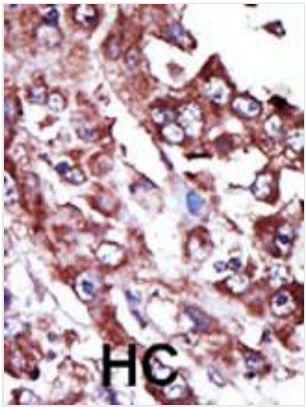
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NME7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-55 amino acids from the N-terminal region of human NME7.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	25-55
Sequence Length	376
Applicable Applications for anti-NME7 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
NME7 Antibody (V40) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the NME7 antibody detected the NME7 protein (arrow).



WB (Western Blot)
Western blot analysis of NME7 (arrow) using rabbit polyclonal NME7 Antibody (V40). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NME7 gene.



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

ADDITIONAL INFORMATION

Related Product Information for anti-NME7 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.
Product Categories/Family for anti-NME7 antibody	Metabolism; Signal Transduction
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019465
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NCBI GeneID	29922
NCBI Accession #	NP_037462.1 ; NP_932076.1
NCBI GenBank Nucleotide #	NM_013330.4
UniProt Accession #	Q9Y5B8 ; Q5TGZ4 ; A8K3T6 ; A8MY09 ; B3KSW9
Molecular Weight	42492
NCBI Official Full Name	nucleoside diphosphate kinase 7 isoform a
NCBI Official Synonym Full Names	NME/NM23 family member 7
NCBI Official Symbol	NME7
NCBI Official Synonym Symbols	NDK7; NDK 7; CFAP67; MN23H7; nm23-H7
NCBI Protein Information	nucleoside diphosphate kinase 7
UniProt Protein Name	Nucleoside diphosphate kinase 7
UniProt Gene Name	NME7
UniProt Synonym Gene Names	NDK 7; NDP kinase 7
UniProt Entry Name	NDK7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nme7-antibody-western-blot-immunohistochemistry-elisa/288069>