Anti-NM23-H2 antibody

Description	Rabbit polyclonal to NM23-H2.

Model	STJ94512
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human NM23-H2
Immunogen Region	60-140 aa, Internal
Gene ID	4831
Gene Symbol	NME2
Dilution range	WB 1:500-1:2000ELISA 1:5000
Specificity	NM23-H2 Polyclonal Antibody detects endogenous levels of NM23-H2 protein.
Tissue Specificity	Isoform 1 and isoform 3 are ubiquitously expressed.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Nucleoside diphosphate kinase B NDK B NDP kinase B C-myc purine-binding transcription factor PUF Histidine protein kinase NDKB nm23-H2
Molecular Weight	23 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7850OMIM:156491
Alternative Names	Nucleoside diphosphate kinase B NDK B NDP kinase B C-myc purine-binding transcription factor PUF Histidine protein kinase NDKB nm23-H2
Function	Major role in the synthesis of nucleoside triphosphates other than ATP. Negatively regulates Rho activity by interacting with AKAP13/LBC. Acts as a transcriptional activator of the MYC gene; binds DNA non-specifically . Exhibits histidine protein kinase activity.
Cellular Localization	Cytoplasm Nucleus Cell projection, lamellipodium Cell projection, ruffle. Isoform 3 is mainly cytoplasmic and isoform 1 and isoform 3 are excluded from the nucleolus. Colocalizes with ITGB1 and ITGB1BP1 at the edge or peripheral ruffles and lamellipodia during the early stages of cell spreading on fibronectin or collagen but not on vitronectin or laminin substrates.