



Anti-NME2 (aa 51-152) polyclonal antibody (DPAB-DC2037)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of A (encoded by NME1) and B (encoded by this gene) isoforms. Multiple alternatively spliced transcript variants have been found for this gene. Read-through transcription from the neighboring upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) that encode a fusion protein comprised of sequence sharing identity with each individual gene product.
Immunogen	NME2 (NP_002503, 51 a.a. ~ 152 a.a) partial recombinant protein with GST tag. The sequence is HYIDLKDRPFFPGLVKYMNSGPVVAMVWEGLNVKTGRVMLGETNPADSKPGTIRGDFCI QVGRNIIHGSDSVKSAEKEISLWFKPEELVDYKSCAHDWVYE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NME2 NME/NM23 nucleoside diphosphate kinase 2 [Homo sapiens (human)]
Official Symbol	NME2
Synonyms	NME2; NME/NM23 nucleoside diphosphate kinase 2; PUF; NDKB; NDPKB; NM23B; NDK-B; NM23-H2; nucleoside diphosphate kinase B; HEL-S-155an; NDP kinase B; c-myc transcription factor; histidine protein kinase NDKB; nucleotide diphosphate kinase B; c-myc purine-binding transcription factor PUF; epididymis secretory sperm binding protein Li 155an; non-metastatic cells 2, protein (NM23) expressed in; non-metastatic cells 2, protein (NM23B) expressed in;
Entrez Gene ID	4831
Protein Refseq	NP_001018147
UniProt ID	P22392
Chromosome Location	17q21.3
Pathway	Adenine ribonucleotide biosynthesis, IMP => Adenine ribonucleotide biosynthesis, IMP => CMP phosphorylation; GDP,GTP
Function	ATP binding; DNA binding; metal ion binding; nucleoside diphosphate kinase activity
