

## Product datasheet for **TA323001**

### NME3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse kidney tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	NME/NM23 nucleoside diphosphate kinase 3
Database Link:	<a href="#">NP_002504</a> <a href="#">Entrez Gene 79059 Mouse</a> <a href="#">Entrez Gene 4832 Human</a> <a href="#">Q13232</a>
Background:	Nucleoside diphosphate kinase 3 is an enzyme that in humans is encoded by the NME3 gene. Major role in the synthesis of nucleoside triphosphates other than ATP. The ATP gamma phosphate is transferred to the NDP beta phosphate via a ping-pong mechanism; using a phosphorylated active-site intermediate. Probably has a role in normal hematopoiesis by inhibition of granulocyte differentiation and induction of apoptosis.
Synonyms:	c371H6.2; DR-nm23; NDPK-C; NDPKC; NM23-H3; NM23H3
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Purine metabolism, Pyrimidine metabolism

### Product images:



Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Mouse kidney tissue  
Primary antibody: TA323001 (NME3 Antibody) at dilution 1/800  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute