

## Product datasheet for **TA351806S**

### NME2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: HeLa, NIH/3T3, LNCap and 293T cells, Mouse brain tissue, A549 and Jurkat cells IHC: 30-150 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human NME2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
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:	17 kDa
Gene Name:	NME/NM23 nucleoside diphosphate kinase 2
Database Link:	<a href="#">NP_002503</a> <a href="#">Entrez Gene 18103 Mouse</a> <a href="#">Entrez Gene 83782 Rat</a> <a href="#">Entrez Gene 4831 Human</a> <a href="#">P22392</a>
Background:	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.



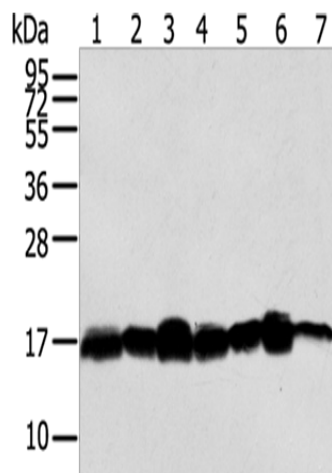
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**Synonyms:** NDKB; NDPK-B; NDPKB; NM23-H2; NM23B; PUF

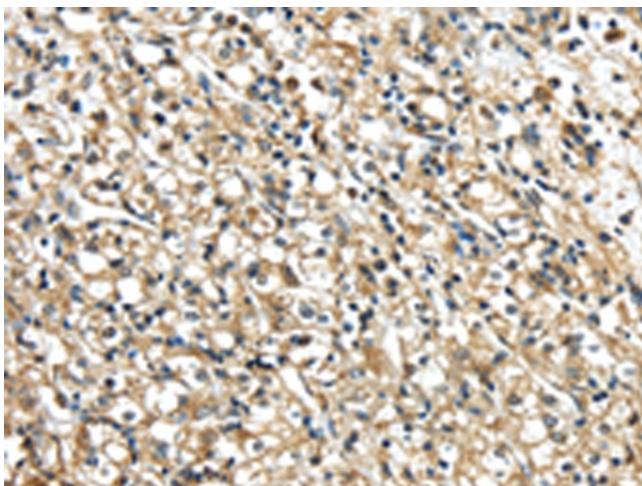
**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Metabolic pathways, Purine metabolism, Pyrimidine metabolism

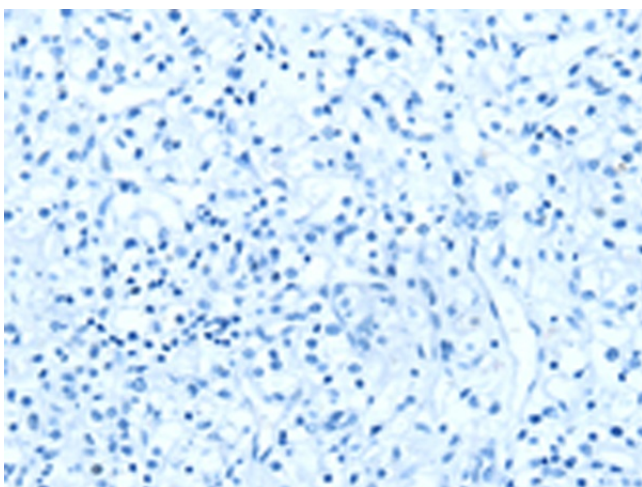
**Product images:**



Gel: 12%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-7: HeLa cells  
 NIH/3T3 cells  
 LNCap cells  
 293T cells  
 Mouse brain tissue  
 A549 cells  
 Jurkat cells  
 Primary antibody: [TA351806] (NME2 Antibody) at dilution 1/300  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA351806] (NME2 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA351806] (NME2 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)