

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:1000-1:5000,  
IHC:1:30-1:150

**Protein Background:**

Isoform 3: Transcription factor that binds a canonical ESRRB recognition (ERRE) sequence 5'TCAAGGTCA-3' localized on promoter and enhancer of targets genes regulating their expression or their transcription activity. Plays a role, in a LIF-independent manner, in maintenance of self-renewal and pluripotency of embryonic and trophoblast stem cells through different signaling pathways including FGF signaling pathway and Wnt signaling pathways. Upon FGF signaling pathway activation, interacts with KDM1A by directly binding to enhancer site of ELF5 and EOMES and activating their transcription leading to self-renewal of trophoblast stem cells. Also regulates expression of multiple rod-specific genes and is required for survival of this cell type. Plays a role as transcription factor activator of GATA6, NR0B1, POU5F1 and PERM1. Plays a role as transcription factor repressor of NFE2L2 transcriptional activity and ESR1 transcriptional activity.

**Gene ID:**

NME2

**Uniprot**

P22392

**Synonyms:**

NME/NM23 nucleoside diphosphate kinase 2

**Immunogen:**

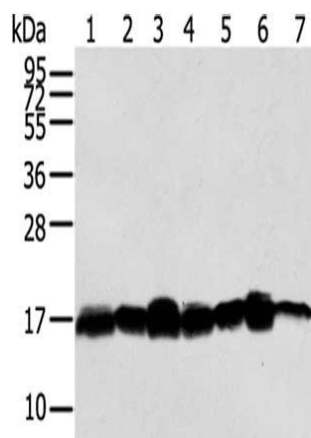
Synthetic peptide of human NME2.

**Storage:**

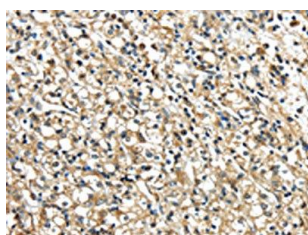
-20&deg; C, pH7.4 PBS, 0.05% NaN<sub>3</sub>, 40% Glycerol

## Product Images

---



Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane 1-7: HeLa cells, NIH/3T3 cells, LNCap cells, 293T cells, Mouse brain tissue, A549 cells, Jurkat cells, Primary antibody: PACO20686(NME2 Antibody) at dilution 1/300 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using PACO20686(NME2 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).