



Rabbit Anti-NME4 antibody

SL11902R

Product Name:	NME4
Chinese Name:	Tumour转移抑制基因H4抗体
Alias:	mitochondrial; NDK; NDKM_HUMAN; NDP kinase; NDP kinase, mitochondrial; NDPKD; nm23 H4; nm23-H4; NM23D; Nm23M4; NME4; Non metastatic cells 4 protein expressed in; Nucleoside diphosphate kinase D; Nucleoside diphosphate kinase, mitochondrial.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	18kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NME4/nm23-H4:21-120/187
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family, which includes NME4 (Milon et al., 1997 [PubMed

9099850)].[supplied by OMIM, May 2008]

Function:

Major role in the synthesis of nucleoside triphosphates other than ATP.

Subunit:

Homohexamer. Interacts with CAPN8

Subcellular Location:

Mitochondrion intermembrane space.

Tissue Specificity:

Widely distributed. Found at very high levels in prostate, heart, liver, small intestine, and skeletal muscle tissues, and in low amounts in the brain and in blood leukocytes.

Similarity:

Belongs to the NDK family.

SWISS:

O00746

Gene ID:

4833

Database links:

[Entrez Gene: 4833](#) Human

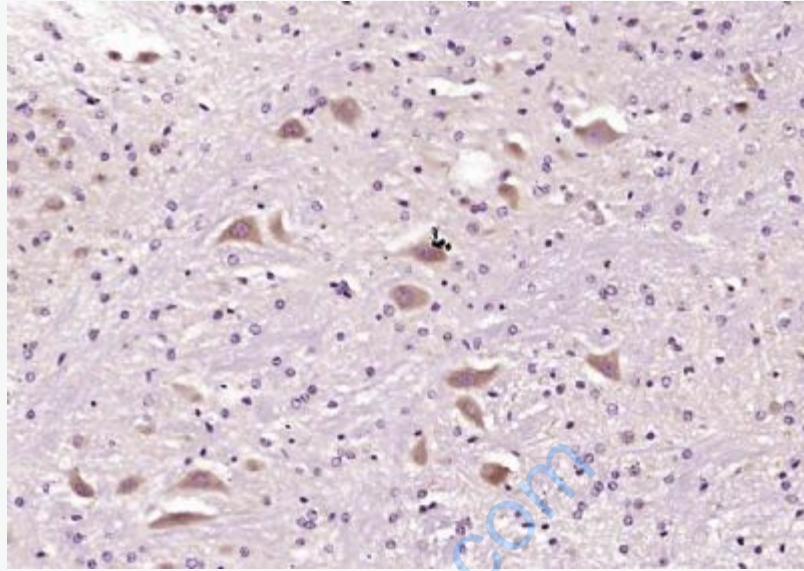
[Omim: 601818](#) Human

[SwissProt: O00746](#) Human

[Unigene: 9235](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NME4) Polyclonal Antibody, Unconjugated (SL11902R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.