



Rabbit Anti-NME5 antibody

SL7073R

Product Name:	NME5
Chinese Name:	P53诱导Apoptosis抑制蛋白抗体
Alias:	Inhibitor of p53 induced apoptosis beta; IPIA beta; NDK-H 5; NDP kinase homolog 5; NM23 H5; Nm23-M5; NM23H5; Non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase); Nonmetastatic cells 5, protein expressed in; Nonmetastatic protein 23, homolog 5; Nucleoside diphosphate kinase homolog 5; RSPH23; Testis specific nm23 homolog; NDK5 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	24kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NME5/IPIA beta:81-150/212
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:	NME5 does not seem to have NDK kinase activity but confers protection from cell death by Bax and alters the cellular levels of several antioxidant enzymes including Gpx5. It may play a role in spermiogenesis by increasing the ability of late-stage

spermatids to eliminate reactive oxygen species. NME5 is specifically expressed in testis germinal cells.

Function:

Does not seem to have NDK kinase activity. Confers protection from cell death by Bax and alters the cellular levels of several antioxidant enzymes including Gpx5. May play a role in spermiogenesis by increasing the ability of late-stage spermatids to eliminate reactive oxygen species (By similarity).

Tissue Specificity:

Specifically expressed in testis germinal cells.

Similarity:

Belongs to the NDK family.

SWISS:

P56597

Gene ID:

8382

Database links:

UniProtKB/Swiss-Prot: P56597.1

Important Note:

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

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