

NME5 Polyclonal Antibody

Catalog number: 12923-1-AP

Size: 55 µg/150 µl

Source: Rabbit

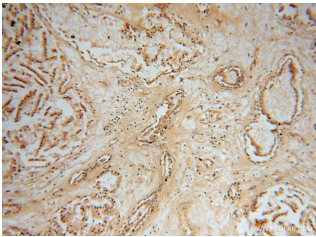
Isotype: IgG

Synonyms:

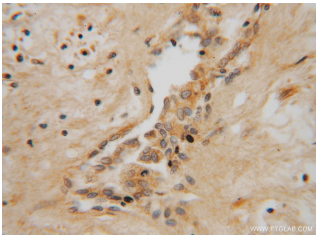
NME5; IPIA beta, NDK H 5,

NDP kinase homolog 5, NME5,

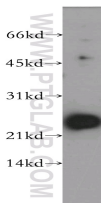
Testis specific nm23 homolog



Immunohistochemical of paraffin-embedded human prostate using 12923-1-AP(NME5 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human prostate using 12923-1-AP(NME5 antibody) at dilution of 1:100 (under 40x lens)



mouse testis tissue were subjected to SDS PAGE followed by western blot with 12923-1-AP(NME5 antibody) at dilution of 1:500

Background

NME5(Nucleoside diphosphate kinase homolog 5) belongs to the NDK family. Its expression plays a critical role in spermiogenesis by increasing the cellular levels of GPX5 to eliminate reactive oxygen species. NME5 may have specific functions in the phosphotransfer network involved in spermiogenesis and flagellar movement.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Human
Calculated NME5 MW:	212aa,24 kDa
Observed NME5 MW:	24kd
Positive WB detected in	Mouse testis tissue, human brain tissue, human kidney tissue
Positive IHC detected in	Human prostate tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3610
GenBank accession number:	BC026182
Gene ID (NCBI):	8382
Full name:	Non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.