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Datasheet for ABIN5007727

anti-NME5 antibody (AA 81-150) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	NME5
Binding Specificity:	AA 81-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NME5 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NME5/IPIA beta
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NME5
Alternative Name:	NME5 (NME5 Products)
Background:	Synonyms: Inhibitor of p53 induced apoptosis beta, IPIA beta, NDK-H 5, NDP kinase homolog 5,

Target Details

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 specic nm23 homolog, NDK5_HUMAN.

Background: 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.

Gene ID: 8382

Pathways: [Nucleotide Phosphorylation](#), [Ribonucleoside Biosynthetic Process](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months