

Product datasheet

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ARG44096 anti-NME6 antibody

Package: 50 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal recognizes NME6

Tested Reactivity Hu
Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name NME6
Species Human

Immunogen Human NME6 recombinant protein (Position: M1-A186).

Conjugation Un-conjugated

Alternate Names NME6; NME/NM23 Nucleoside Diphosphate Kinase 6; IPIA-ALPHA; NM23-H6; Non-Metastatic Cells 6,

Protein Expressed In (Nucleoside-Diphosphate Kinase); Inhibitor Of P53-Induced Apoptosis-Alpha;

Nucleoside Diphosphate Kinase 6; NDP Kinase 6; EC 2.7.4.6; NDK 6; IPIA-Alpha; Nm23-H6

Application Instructions

Application table	Application	Dilution
	WB	0.25 - 0.5 μg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer 0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 4% Trehalose.

Preservative 0.05% Sodium azide

Stabilizer 4% Trehalose

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol NME6

Gene Full Name NME/NM23 Nucleoside Diphosphate Kinase 6

Background Nucleoside diphosphate (NDP) kinases (EC 2.7.4.6), such as NME6, are ubiquitous enzymes that catalyze

transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and

dioxynucleoside tri- and diphosphates (Mehus et al., 1999 [PubMed 10453732]).

Function Major role in the synthesis of nucleoside triphosphates other than ATP. The ATP gamma phosphate is

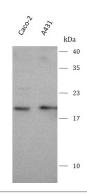
transferred to the NDP beta phosphate via a ping-pong mechanism, using a phosphorylated active-site

intermediate. Inhibitor of p53-induced apoptosis.

Calculated Mw 19 kDa

Cellular Localization Mitochondrion

Images



ARG44096 anti-NME6 antibody WB image

Western blot: Caco-2 and A431 stained with ARG44096 anti-NME6 antibody at $0.5 \, \mu g/mL$ dilution.