

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

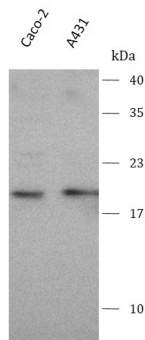
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a 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 µg/mL dilution.