

Anti- NME2 Rabbit pAb



WLR0217

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti- NME2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:500
Cellular localization	Cytoplasm. Nucleus.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	NME2 (non metastatic cell 2, protein), also known as NDKB (nucleoside diphosphate kinase B), NM23B, belongs to the NDK family. It participates in the phosphorylation of nucleoside diphosphates and interacts with membrane receptors, forming a novel molecular regulatory mechanism for GPCR endocytosis. It negatively regulates RHO activity by interacting with AKAP13/LBC. NME2 can act as a transcription activator for MYC genes and bind to non-specific DNA. It also exhibits histidine protein kinase activity.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of NME2.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

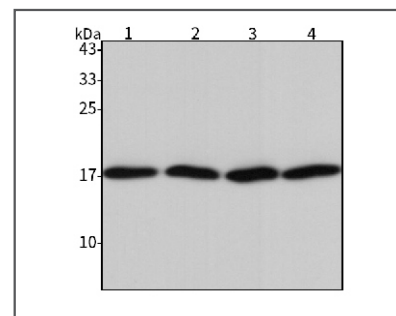
Anti- NME2 Rabbit pAb



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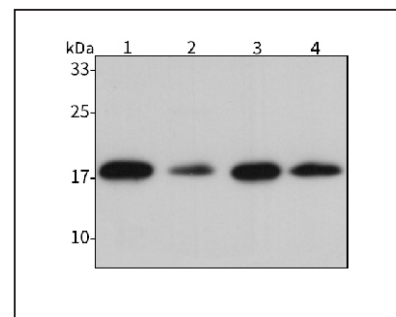
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Product Images



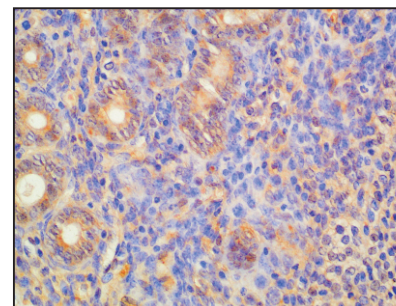
Western blot-Anti- NME2 pAb

Lane 1: Human Hela cell lysate
Lane 2: Human MDA-MB-231 cell lysate
Lane 3: Human breast cancer tissue lysate
Lane 3: Human ovarian cancer tissue lysate
All lanes: Anti- NME2 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 17 kDa
 Observed band size: 17 kDa



Western blot-Anti- NME2 pAb

Lane 1: Mouse kidney tissue lysate
Lane 2: Mouse colon tissue lysate
Lane 3: Rat liver tissue lysate
Lane 4: Rat lung tissue lysate
All lanes: Anti- NME2 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 17 kDa
 Observed band size: 17 kDa



Immunohistochemistry-Anti- NME2 pAb

Immunohistochemical analysis of paraffin-embedded rat uterus using anti- NME2 Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0