

## Rabbit NME4 Polyclonal Antibody | anti-NME4 antibody

NME4 antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS |
|-----------|--------|-------------------------------------------------------------------|--------------|
| AAA200633 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Western Blot |

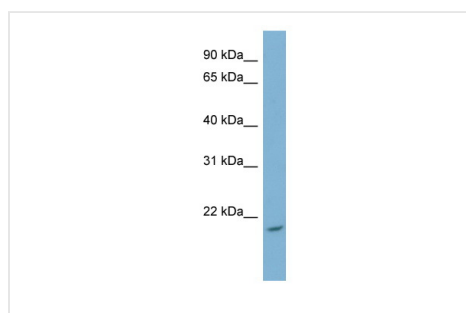
### PRODUCT SYNONYMS

NME4; Polyclonal Antibody; NME4 antibody - middle region; anti-NME4 antibody

### PRODUCT SPECIFICATIONS

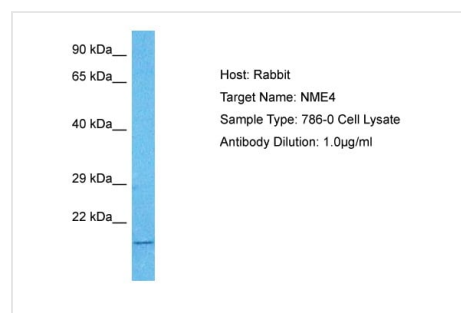
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following sequence: VA MVWEGYNVVR ASRAMIGHTD SAEAPGTIR GDFSVHISRNI VIHASDSV                                                |
| Sequence Length                                | 187                                                                                                                                                   |
| Applicable Applications for anti-NME4 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 86%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 86%; Rat: 93%; Zebrafish: 79%                                      |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human NME4                                                                 |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-NME4 Antibody Titration: 0.2-1 ug/ml  
 ELISA Titer: 1:31250  
 Positive Control: Human heart



#### WB (Western Blot)

Host: Rabbit  
 Target Name: NME4  
 Sample Tissue: Human 786-O Whole Cell  
 Antibody Dilution: 1 ug/ml

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NME4 antibody | <p>This is a rabbit polyclonal antibody against NME4. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm2</p> |
| Product Categories/Family for anti-NME4 antibody   | <a href="#">Polyclonal</a> ; <a href="#">Drugs and Drug Metabolism</a> ; <a href="#">Chromatin &amp; Nuclear Signaling</a> ; <a href="#">Signal Transduction</a> ; <a href="#">Various</a> ; <a href="#">E3 &amp; Ubiquitin</a> ; <a href="#">Phosphorylation</a>                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 4826862                                                |
| NCBI GeneID                      | 4833                                                   |
| NCBI Accession #                 | NP_005000                                              |
| NCBI GenBank Nucleotide #        | NM_005009                                              |
| UniProt Accession #              | O00746                                                 |
| Molecular Weight                 | 21kDa                                                  |
| NCBI Official Full Name          | nucleoside diphosphate kinase, mitochondrial isoform a |
| NCBI Official Synonym Full Names | NME/NM23 nucleoside diphosphate kinase 4               |
| NCBI Official Symbol             | NME4                                                   |
| NCBI Official Synonym Symbols    | NDPK-D; NM23H4; nm23-H4                                |
| NCBI Protein Information         | nucleoside diphosphate kinase, mitochondrial           |
| UniProt Protein Name             | Nucleoside diphosphate kinase, mitochondrial           |
| UniProt Gene Name                | <b>NME4</b>                                            |
| UniProt Synonym Gene Names       | NM23D; NDK; NDP kinase, mitochondrial; NDPKD           |
| UniProt Entry Name               | NDKM_HUMAN                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.