

## Rabbit anti-Human, mouse NKPD1 Polyclonal Antibody | anti-NKPD1 antibody

NKPD1 Antibody (C-term)

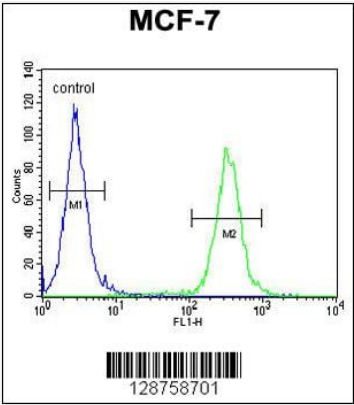
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                          |
|-----------|--------|--------------|-------------------------------------------------------|
| AAA288820 | Rabbit | Human, mouse | Flow Cytometry, Functional Assay, ELISA, Western Blot |

### PRODUCT SYNONYMS

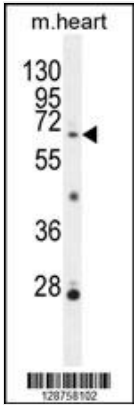
NKPD1; Polyclonal Antibody; NKPD1 Antibody (C-term); NTPase KAP family P-loop domain-containing protein 1; anti-NKPD1 antibody

### PRODUCT SPECIFICATIONS

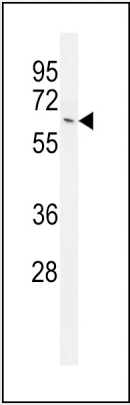
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, mouse                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This NKPD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 532-560 amino acids from the C-terminal region of human NKPD1.       |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 532-560                                                                                                                                                                      |
| Sequence Length                                 | 610                                                                                                                                                                          |
| Applicable Applications for anti-NKPD1 antibody | FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)                                                                                                                          |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**FCM/FACS (Flow Cytometry)**  
NKPD1 Antibody (C-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
NKPD1 Antibody (C-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the NKPD1 antibody detected the NKPD1 protein (arrow).



**WB (Western Blot)**  
NKPD1 Antibody (C-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the NKPD1 antibody detected the NKPD1 protein (arrow).

ADDITIONAL INFORMATION

|                                                   |                                                         |
|---------------------------------------------------|---------------------------------------------------------|
| Product Categories/Family for anti-NKPD1 antibody | Cell Biology                                            |
| References                                        | Pinto, C.S., et al. J. Neurochem. 93(6):1579-1586(2005) |

NCBI AND UNIPROT INFORMATION

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| NCBI GI #               | 121945557                                            |
| UniProt Accession #     | Q17RQ9; Q8N2A2; B7ZLG6; D6RH15                       |
| Molecular Weight        | 67780                                                |
| NCBI Official Full Name | NTPase KAP family P-loop domain-containing protein 1 |
| UniProt Protein Name    | NTPase KAP family P-loop domain-containing protein 1 |
| UniProt Gene Name       | NKPD1                                                |
| UniProt Entry Name      | NKPD1_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.

