

## Datasheet for ABIN7638161 **anti-DMPK antibody**



[Go to Product page](#)

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | DMPK  |
| Reactivity:  | Human   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This DMPK antibody is un-conjugated   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

### Product Details

|                   |  |
|-------------------|--|
| Purpose:          | Polyclonal Antibody to Dystrophia Myotonica Protein Kinase (DMPK)  |
| Immunogen:        | RPC645Hu01 Recombinant Dystrophia Myotonica Protein Kinase (DMPK)  |
| Isotype:          | IgG  |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against DMPK. It has been selected for its ability to recognize DMPK in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat  |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

### Target Details

|         |      |
|---------|------|
| Target: | DMPK |
|---------|------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | DMPK ( <a href="#">DMPK Products</a> )  |
| Background:       | DM, DM1, DM1PK, DMK, MDPK, MT-PK, Myotonic Dystrophy Protein Kinase, Myotonin-Protein Kinase, Dystrophia Myotonica 1, Thymopoietin Homolog        |
| UniProt:          | <a href="#">Q09013</a>  |
| Pathways:         | <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Skeletal Muscle Fiber Development</a> |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.   |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only   |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | 1 mg/mL   |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.  |
| Preservative:      | ProClin   |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Storage:           | 4 °C, -20 °C  |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |