

Datasheet for ABIN6747077
anti-DMPK antibody (AA 323-372)

2 Images

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Overview

Quantity:	100 µL
Target:	DMPK
Binding Specificity:	AA 323-372
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMPK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa323-372 of human DMPK (Q09013, NP_004400). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Mouse, Elephant, Panda, Dog, Bovine, Bat, Guinea pig (100%), Monkey, Marmoset, Horse (92%), Galago (84%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human DMPK
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Dog, Bovine, Guinea pig (100%) Horse (92%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: DMPK

Alternative Name: DMPK / DM ([DMPK Products](#))

Background: Name/Gene ID: DMPK
Subfamily: DMPK
Family: Protein Kinase

Synonyms: DMPK, DM-kinase, DM1, DM1PK, DM protein kinase, DM1 protein kinase, DMK, MDPK, Myotonic dystrophy kinase, MT-PK, Myotonin kinase, MtPK, Myotonic protein kinase, Myotonin protein kinase A, Thymopoietin homolog, DM, Myotonin-protein kinase

Gene ID: 1760

NCBI Accession: [NP_004400](#)

UniProt: [Q09013](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Synaptic Membrane](#), [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:312500.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

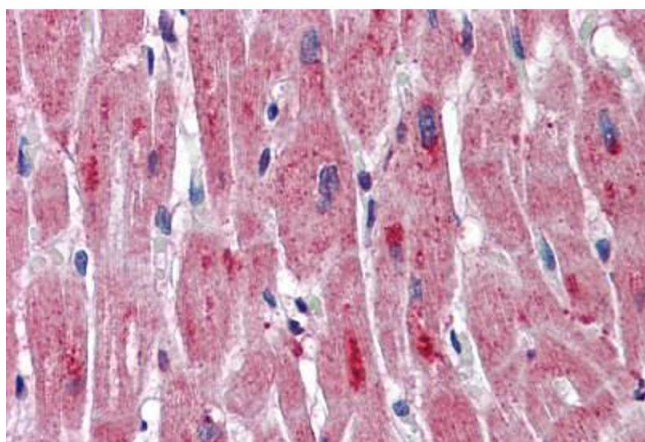
Reconstitution: Reconstitute with 50 µL sterile ddH₂O.

Concentration: Lot specific

Handling

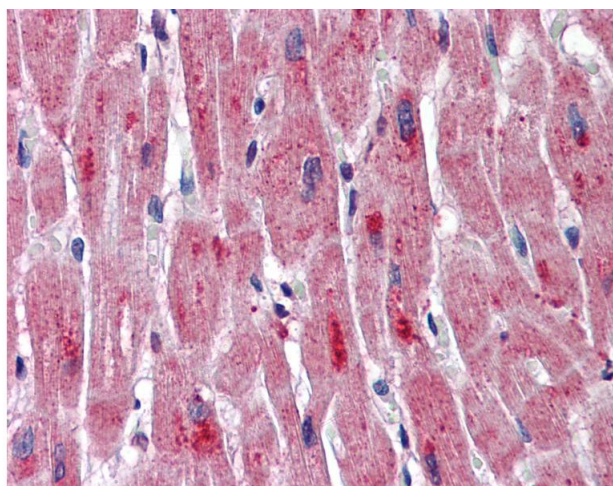
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-DMPK antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms ...