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Datasheet for ABIN5013479

anti-DMPK antibody (AA 1-152)

3 Images

Overview

Quantity:	100 µL
Target:	DMPK
Binding Specificity:	AA 1-152
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMPK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	DMPK (Met1-Val152)
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.
Purification:	Antigen-specific affinity chromatography

Target Details

Target:	DMPK
Alternative Name:	Dystrophia Myotonica Protein Kinase (DMPK) (DMPK Products)
Background:	Alternative Names: DM, DM1, DM1PK, DMK, MDPK, MT-PK, Myotonic Dystrophy Protein Kinase,

Target Details

Myotonin-Protein Kinase, Dystrophia Myotonica 1, Thymopoietin Homolog

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

Application Details

Application Notes:

- Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 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

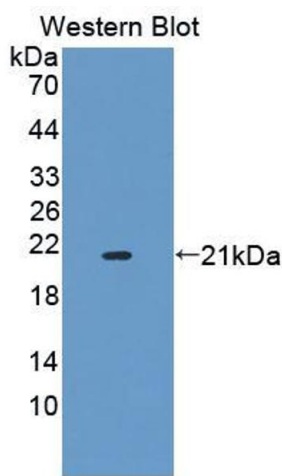
Handling

Format: Liquid

Concentration: Lot specific

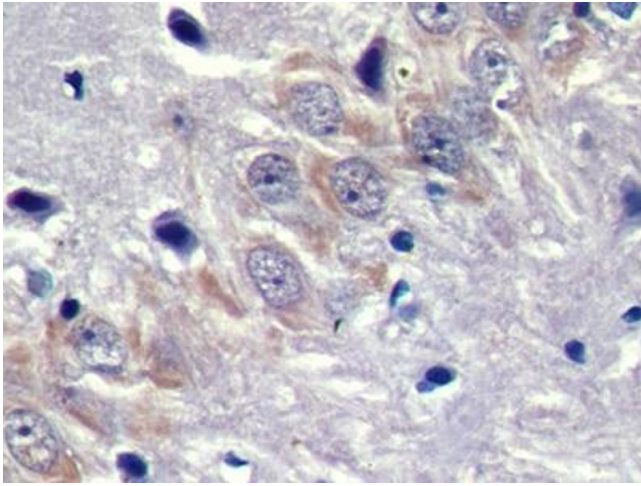
Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Images



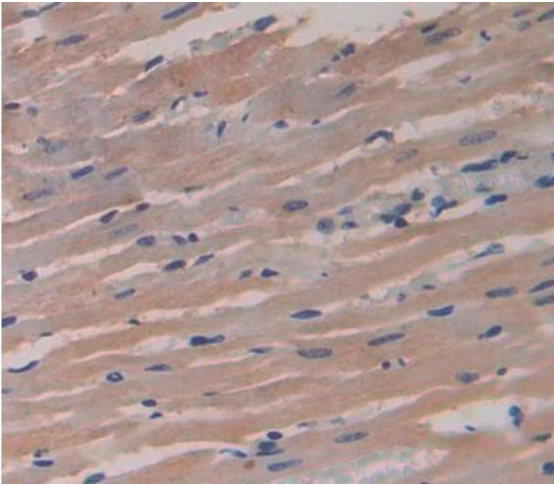
Western Blotting

Image 1. Figure. Western Blot; Sample: Recombinant protein.



Immunohistochemistry

Image 2. DAB staining on IHC-P; Samples: Rat Cerebrum Tissue



Immunohistochemistry

Image 3. Used in DAB staining on formalin fixed paraffin-embedded heart tissue