

Rabbit anti-Human DMPK Polyclonal Antibody | anti-DMPK antibody

DMPK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321117	Rabbit	Human	ELISA, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

DMPK; Polyclonal Antibody; DMPK Antibody; DM 1; DM; DM kinase; DM protein kinase; DM-kinase; DM1; DM1 protein kinase; DM1PK; DMK; DMPK_HUMAN; Dystrophia myotonica 1; Dystrophia myotonica protein kinase; MDPK; MT PK; MT-PK; Myotonic dystrophy associated protein kinase; Myotonic dystrophy protein kinase; Myotonin protein kinase A; Myotonin protein kinase; Myotonin-protein kinase; Thymopoietin homolog; anti-DMPK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	DMPK antibody detects endogenous levels of DMPK
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	624
Applicable Applications for anti-DMPK antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DMPK, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321117 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA321117) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis on Jurkat cell lysate using DMPK Antibody, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321117 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DMPK antibody	Description: DMPK1 Critical to the modulation of cardiac contractility and to the maintenance of proper cardiac conduction activity. Phosphorylates phospholamban. Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. DMPK subfamily. Homodimer. 13 isoforms of the human protein are produced by alternative splicing.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126131093
NCBI GeneID	1760
NCBI Accession #	NP_001075029.1
NCBI GenBank Nucleotide #	NM_001081560.2
UniProt Accession #	Q09013; Q16205; Q6P5Z6; E5KR08
Molecular Weight	70 kDa
NCBI Official Full Name	myotonin-protein kinase isoform 3
NCBI Official Synonym Full Names	DM1 protein kinase
NCBI Official Symbol	DMPK
NCBI Official Synonym Symbols	DM; DM1; DMK; MDPK; DM1PK; MT-PK
NCBI Protein Information	myotonin-protein kinase
UniProt Protein Name	Myotonin-protein kinase
UniProt Gene Name	DMPK
UniProt Synonym Gene Names	DM1PK; MDPK; MT-PK; DMK

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dmpk-antibody-immunofluorescence-western-blot-elisa/321117>