

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

DMPK Polyclonal Antibody

CATALOG # AAA294680	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
-------------------------------	-----------------------	----------------------------	-------------------------------------

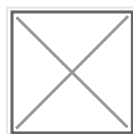
PRODUCT SYNONYMS

DMPK; Polyclonal Antibody; DMPK Polyclonal Antibody; DM1PK; MDPK; Myotonin-protein kinase; MT-PK; DM-kinase; DMK; DM1 protein kinase; Myotonic dystrophy protein kinase; anti-DMPK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-DMPK antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-DMPK antibody	Non-receptor serine/threonine protein kinase which is necessary for the maintenance of skeletal muscle structure and function. May play a role in myocyte differentiation and survival by regulating the integrity of the nuclear envelope and the expression of muscle-specific genes. May also phosphorylate PPP1R12A and inhibit the myosin phosphatase activity to regulate myosin phosphorylation. Also critical to the modulation of cardiac contractility and to the maintenance of proper cardiac conduction activity probably through the regulation of cellular calcium homeostasis. Phosphorylates PLN, a regulator of calcium pumps and may regulate sarcoplasmic reticulum calcium uptake in myocytes. May also phosphorylate FXYP1/PLM which is able to induce chloride currents. May also play a role in synaptic plasticity.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	126131093
NCBI GeneID	1760
NCBI Accession #	NP_001075029.1
NCBI GenBank Nucleotide #	NM_001081560.1
UniProt Accession #	Q09013; Q16205; Q6P5Z6

Molecular Weight	69,385 Da
NCBI Official Full Name	myotonin-protein kinase isoform 3
NCBI Official Synonym Full Names	dystrophia myotonica-protein kinase
NCBI Official Symbol	DMPK
NCBI Official Synonym Symbols	DM; DM1; DMK; MDPK; DM1PK; MT-PK
NCBI Protein Information	myotonin-protein kinase; DM-kinase; DM protein kinase; DM1 protein kinase; thymopoietin homolog; myotonin protein kinase A; myotonic dystrophy protein kinase; myotonic dystrophy associated protein kinase
UniProt Protein Name	Myotonin-protein kinase
UniProt Gene Name	DMPK
UniProt Synonym Gene Names	DM1PK; MDPK; MT-PK; DMK
UniProt Entry Name	DMPK_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dmpk-antibody-western-blot-elisa/294680>