

Rabbit Dystrophia Myotonica Protein Kinase Polyclonal Antibody | anti-DMPK antibody

Dystrophia Myotonica Protein Kinase (DMPK) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144965	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Dystrophia Myotonica Protein Kinase; Polyclonal Antibody; Dystrophia Myotonica Protein Kinase (DMPK) Polyclonal Antibody; DM; DM1; DM1PK; DMK; MDPK; MT-PK; Myotonic Dystrophy Protein Kinase; Myotonin-Protein Kinase; Dystrophia Myotonica 1; Thymopoietin Homolog; anti-DMPK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
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.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	79
Applicable Applications for anti-DMPK antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	DMPK (Met1~Ile201)
Quality Control	Content: The quality control contains recombinant DMPK (Met1~Ile201) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

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	60,790 Da
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.