

# Product Datasheet

## Creatine kinase MT 1A [p Tyr153] Antibody NBP2-60776

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 8/30/2023 v.20.1

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**NBP2-60776****Creatine kinase MT 1A [p Tyr153] Antibody****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	10 mM HEPES (pH 7.5), 0.15 M NaCl, 0.1 mg/mL BSA, 50% Glycerol
<b>Target Molecular Weight</b>	46 kDa

**Product Description**

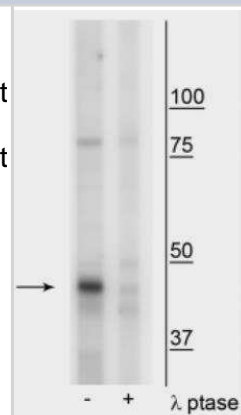
<b>Host</b>	Rabbit
<b>Gene ID</b>	548596
<b>Gene Symbol</b>	CKMT1A
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	This antibody detects both Isoform 1 and 2 of the protein.
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~46 kDa Creatine kinase MT 1A protein phosphorylated at Tyr153. Immunolabeling of Creatine kinase MT 1A is greatly decreased by lambda-phosphatase treatment.
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to amino acid residues surrounding Tyr153 conjugated to KLH. Accession # P12532

**Product Application Details**

<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000

**Images**

Western Blot: Creatine kinase MT 1A [p Tyr153] Antibody [NBP2-60776]  
 - Western blot of mouse mitochondria from whole brain lysate showing specific immunolabeling of the ~46 kDa CK1Mt protein phosphorylated at Tyr153 in the first lane (-). Phosphospecificity is shown in the second lane (+) where the immunolabeling is greatly decreased by blot treatment with lambda phosphatase (Lambda-Ptase, 1200 units for 30 minutes).





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### **Products Related to NBP2-60776**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-13840PEP	Creatine kinase MT 1A Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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