

# Anti-Troponin I (cardiac) Ser150 Antibody

Our Anti-Troponin I (cardiac) Ser150 rabbit polyclonal phosphospecific primary antibody from Phospho  
Catalog # AN1590

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P48787</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Calculated MW</b>	24259

## Additional Information

<b>Gene ID</b>	21954
<b>Other Names</b>	cardiac muscle antibody, Cardiac troponin I antibody, Cardiac Troponin I antibody, cardiomyopathy dilated 2A (autosomal recessive) antibody, Cardiomyopathy familial hypertrophic 7 included antibody, CMD1FF antibody, CMD2A antibody, CMH7 antibody, cTnI antibody, Familial hypertrophic cardiomyopathy 7 antibody, MGC116817 antibody, RCM1 antibody, Tn1 antibody, Tni antibody, TNN I3 antibody, TNNC 1 antibody, TNNC1 antibody, TNNI3 antibody, TNNI3_HUMAN antibody, Troponin I antibody, Troponin I cardiac antibody, Troponin I cardiac muscle antibody, Troponin I cardiac muscle isoform antibody, Troponin I type 3 cardiac antibody, troponin I cardiac 3 antibody, TroponinI antibody, Troponin I type 3 (cardiac) antibody
<b>Target/Specificity</b>	Troponin I (TnI) is 1 of 3 subunits, along with troponin C (TnC) and Troponin T (TnT) of troponin complex found in cardiac (cTnI) and fast skeletal (fsTnI) muscle. cTnI is phosphorylated by protein kinase C and protein kinase A at Ser-23/24 (Noland et al, 1995) and is phosphorylated by AMPK at Ser-23 and Ser-150 (Solis et al, 2011). Evidence suggests that AMPK, a critical regulator of cardiac energetics, prefers phosphorylating Ser-150 over Ser-23, and may play a role in regulating energy consumption through altering the phosphorylation status of cTnI (Solis et al., 2011).
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	Antigen Affinity Purified from Pooled Serum
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Anti-Troponin I (cardiac) Ser150 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
<b>Shipping</b>	Blue Ice

## Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.