

Anti-cTnI (Phospho-T142) Antibody

Catalog #	Source	Reactivity	Applications
CPA4535	Rabbit	H, M, R, B, D, P	WB
Description	Rabbit polyclonal antibody to cTnI (Phospho-T142)		
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T142 of human cTnI protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of cTnI protein only when phosphorylated at T142.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	TNNI3		
Alternative Names	TNNC1; Troponin I, cardiac muscle; Cardiac troponin I		
Entrez Gene	7137 (Human); 21954 (Mouse); 29248 (Rat)		
SwissProt	P19429 (Human); P48787 (Mouse); P23693 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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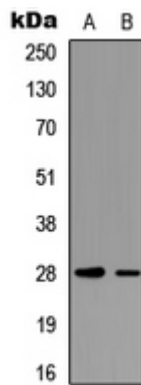
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Product Data Sheet



Western blot analysis of cTnI (Phospho-T142) expression in HEK293T (A), mouse heart (B) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 28 kD)

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