

Anti-Troponin I (cardiac) Antibody

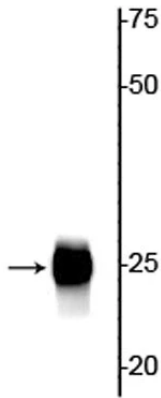


Product Details

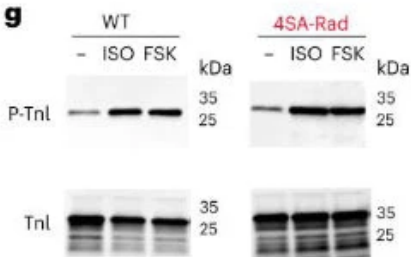
Available Variants	100 µL (SKU:2010-TNI) 25 µL (SKU:2010-TNI _t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	TNNI3
Host Species	Rabbit
Format	Neat Serum
Physical State	Liquid
Buffer	Neat serum
Production Notes	Neat Serum
Applications	ELISA, IHC, WB
Dilution Ranges	WB: 1:2000
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein of complete mouse cardiac troponin 1 holoprotein.
Specificity	Specific for endogenous levels of the ~25 kDa cardiac troponin I protein.
Molecular Weight	25 kDa
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
Antibody Registry ID	AB_2492267

UniProt ID	<u>P48787</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	21954

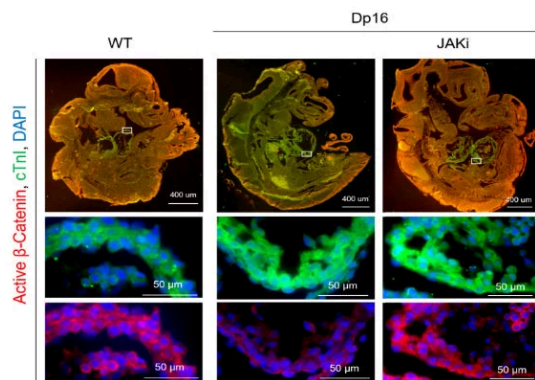
Product Images



Western blot of 20 ug of mouse heart lysate showing specific immunolabeling of the ~25 kDa cardiac troponin I protein.



Western blots showing specific labeling of S23/S24 TnI, cat. p2010-2324 (upper) and TnI; cat. 2010-TnI (lower) in protein lysates of mouse cardiomyocytes. Image from publication CC-BY-4.0. [PMID: 36424916](#)



Examination of cardiac troponin I (cTnI) (Cat. 2010-TNI, green) and active β -Catenin (red) levels in embryos at E9.5 by immunofluorescence (IF) analysis. Pregnant mice were treated daily with vehicle or the JAKi (10 mg/kg body weight/day, i.p.) beginning with day 6.5 post-conception. Embryos were harvested at E9.5 for IF analysis. Image from publication. CC-BY-4.0

Product Page URL: www.antibodiesinc.com/products/anti-troponin-i-cardiac-antibody-2010-tni



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