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TNNI3 (aa117-127) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3939a

Specification

TNNI3 (aa117-127) Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	P19429
Other Accession	NP_000354.4, 7137, 21954 (mouse), 29248 (rat)
Reactivity	**Human, Mouse, Rat, Pig**
Predicted	**Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**24008**

TNNI3 (aa117-127) Antibody (internal region) - Additional Information

Gene ID 7137

Other Names
Troponin I, cardiac muscle, Cardiac troponin I, TNNI3, TNNC1

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
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.

Precautions
TNNI3 (aa117-127) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TNNI3 (aa117-127) Antibody (internal region) - Protein Information

Name TNNI3

Synonyms TNNC1

Function
Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

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TNNI3 (aa117-127) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TNNI3 (aa117-127) Antibody (internal region) - Images

AF3939a (0.2 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TNNI3 (aa117-127) Antibody (internal region) - References

Elevated soluble receptor for advanced glycation end product levels in patients with acute coronary syndrome and positive cardiac troponin I. Basta G, Del Turco S, Marchi F, Navarra T, Battaglia D, Mercuri A, Mazzone A, Berti S. Coron Artery Dis. 2011 Dec;22(8):590-4. PMID: 22072229