

## Troponin T-C rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A22903       | Rabbit  | 1 mg/ml         | 35924         |

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | WB,IHC,ELISA  |
| <b>Reactivity</b>            | Human,Mouse,Rat   |
| <b>Dilution</b>              | WB: 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000. Not yet tested in other applications.   |
| <b>Storage</b>               | -20°C/1 year  |
| <b>Specificity</b>           | Troponin T-C Polyclonal Antibody detects endogenous levels of Troponin T-C protein.   |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Immunogen</b>             | The antiserum was produced against synthesized peptide derived from the Internal region of human TNNT2. AA range:131-180  |
| <b>Uniprot No</b>            | P45379  |
| <b>Alternative names</b>     | TNNT2; Troponin T, cardiac muscle; TnTc; Cardiac muscle troponin T; cTnT  |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Clonality</b>             | Polyclonal  |
| <b>Isotype</b>               | IgG   |
| <b>Conjugation</b>           |   |
| <b>Background</b>            | troponin T2, cardiac type(TNNT2) Homo sapiens The protein encoded by this gene is the tropomyosin-binding subunit of the troponin complex, which is located on the thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however, the full-length nature of some of these variants has not yet been determined. [provided by RefSeq, Jul 2008], |
| <b>Other</b>                 | TNNT2, Troponin T cardiac muscle  |

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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