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Troponin I Antibody

Rabbit mAb
Catalog # AP90594

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P19429
Reactivity	Human
Clonality	Monoclonal
Other Names	TNNC1; Troponin I; cardiac muscle; Cardiac troponin I; TNNI3; CMD2A;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	24008

Additional Information

Dilution	WB 1:5000~1:10000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Troponin I
Description	Troponin I (TnI) is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle; see also TNNI1 (MIM 191042). The others are troponin T (TnT; see MIM 191041) and troponin C (TnC; see MIM 191040).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images

Western blot analysis of Troponin I expression in fetal heart cell lysate.

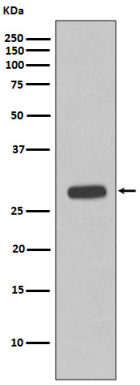


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Immunohistochemical analysis of paraffin-embedded human heart, using Troponin I Antibody.

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