



TNNI3 (Phospho-Ser22+Ser23) Antibody

E11-0587A

Catalog Number: E11-0587A

Concentration: 1mg/ml

Swiss-Prot No.: P19429

Other Names: TNNC1, troponin I, cardiac muscle

All Sites: Human: Ser22+Ser23; Mouse: Ser22+Ser23; Rat: Ser22+Ser23

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human TNNI3 around the phosphorylation site of serine 22 (R-R-S^P-S^P-A-N).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: TNNI3 (Phospho-Ser22+Ser23) antibody detects endogenous levels of TNNI3 only when phosphorylated at serine 22.

Reactivity: Human, Mouse, Rat

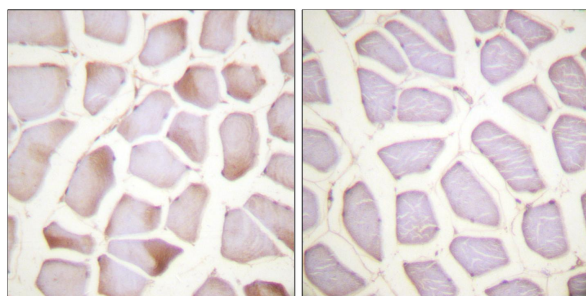
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000

References:

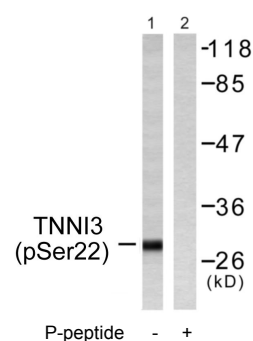
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Emile Missov, Circulation, Nov 1997; 96: 2953 - 2958.

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Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using TNNI3 (Phospho-Ser22+Ser23) antibody.



Western blot analysis of extracts from mouse heart cells, using TNNI3 (Phospho-Ser22+Ser23) antibody.