

Phospho-TNNI3 (Ser44) Ab

[Images\(3\)](#)

Cat.#: AF3215
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 26kDa
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200
*The optimal dilutions should be determined by the end user.

Reactivity:

Human, Mouse, Rat

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

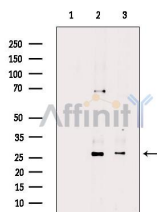
A synthesized peptide derived from human TNNI3 around the phosphorylation site of Ser44.

Uniprot:

P19429

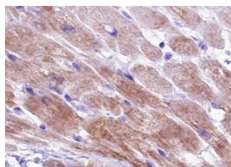
Description:

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).



Western blot analysis of extracts from various samples, using Phospho-TNNI3 (Ser44) Ab.

Lane 1: UV treated MCF7 cells, blocked with antigen-specific peptides,
Lane 2: UV treated MCF7 cells,
Lane 3: Heat-shock treated Hela cells.



AF3215 at 1/100 staining human Heart muscle tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,

overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.