

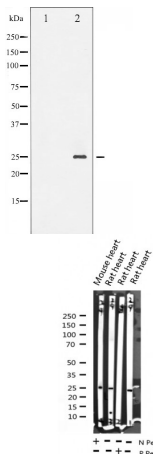
## Phospho-TNNI3 (Ser43) Ab

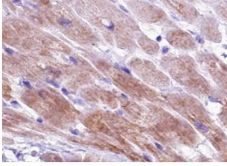
Cat.#: AF3215  
 Size: 100ul,200ul

Concn.: 1mg/ml  
 Source: Rabbit

Mol.Wt.: 26kDa  
 Clonality: Polyclonal

- Application:** WB 1:500-1:2000 IHC 1:50-1:200
- Reactivity:** Human,Mouse,Rat
- Purification:** The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
- Specificity:** Phospho-TNNI3 (Ser43) Ab detects endogenous levels of TNNI3 only when phosphorylated at Serine 43
- Immunogen:** A synthesized peptide derived from human TNNI3 around the phosphorylation site of Serine 43
- 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).
- Similarity:** Belongs to the troponin I family.
- Storage Condition and Buffer:** 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





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.

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

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