

**Product Name: Tropomyosin 1 (9X18) Rabbit
Monoclonal Antibody
Catalog #: AMRe19299**

Summary

Production Name	Tropomyosin 1 (9X18) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	TPM1
Alternative Names	CMH3; TMSA; CMD1Y; C15orf13; HTM-alpha;
Gene ID	7168.0
SwissProt ID	P09493.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	33kDa

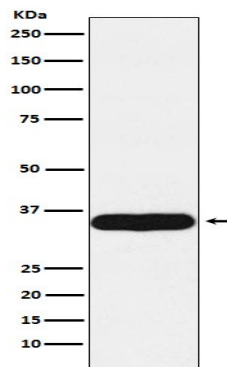
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Background

Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Binds to actin filaments in muscle and non-muscle cells (PubMed: 23170982). Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction (PubMed: 23170982). Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.

Research Area

Image Data



Western blot analysis of Tropomyosin 1 expression in Human heart lysate.

Note

For research use only.