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TPM3 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21987b

Specification

TPM3 Antibody (C-Term) - Product Information

Application	**WB,E**
Primary Accession	P06753
Other Accession	Q5KR49, P04268, P58773, P13104, P09493, P84335, P58771, P42639, P58772, P13105, P04692, Q01173, Q5KR47, A1XQV4
Reactivity	**Human**
Predicted	**Bovine, Chicken, Zebrafish, Mouse, Pig, Rabbit, Rat, Xenopus**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**32950**

TPM3 Antibody (C-Term) - Additional Information

Gene ID 7170

Other Names
Tropomyosin alpha-3 chain, Gamma-tropomyosin, Tropomyosin-3, Tropomyosin-5, hTM5, TPM3

Target/Specificity
This TPM3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 245-276 amino acids from the human region of human TPM3.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TPM3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TPM3 Antibody (C-Term) - Protein Information

Name TPM3

Function 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. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.

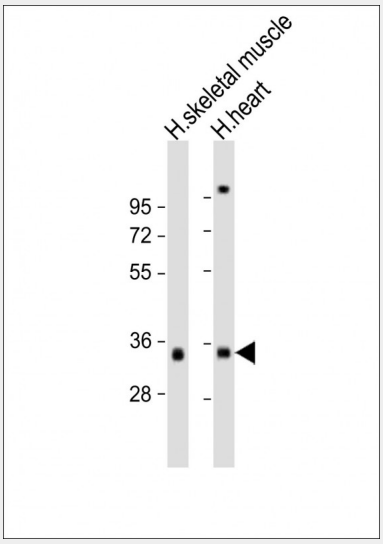
Cellular Location
Cytoplasm, cytoskeleton.

TPM3 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TPM3 Antibody (C-Term) - Images



All lanes : Anti-TPM3 Antibody (C-Term) at 1:2000 dilution Lane 1: human skeletal muscle lysate Lane 2: human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

TPM3 Antibody (C-Term) - 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. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.

TPM3 Antibody (C-Term) - References

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McLeod A.R.,et al.Nucleic Acids Res. 14:8413-8426(1986).
Clayton L.,et al.J. Mol. Biol. 201:507-515(1988).
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