

## Anti-TPM3 Antibody

Catalog Number: M00381

### About TPM3

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.

### Overview

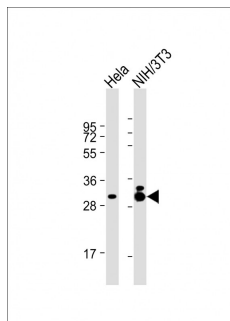
Product Name	Anti-TPM3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-TPM3 Antibody (Catalog # M00381). Tested in WB application(s). This antibody reacts with Human, Mouse.
Application	WB
Clonality	Monoclonal 1649CT306.29.13
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Mouse
Uniprot ID	P06753

### Technical Details

Immunogen	This TPM3 antibody is generated from a mouse immunized with a recombinant protein of human TPM3.
Predicted Reactive Species	Human, Mouse, Rat
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:2000



## Anti-TPM3 Antibody (M00381) Images



All lanes : Anti-TPM3 Antibody at 1:2000 dilution

Lane 1: Hela whole cell lysate

Lane 2: NIH/3T3 whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.

Predicted band size : 33 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.

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