

## TPM2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:1000 IHC 1:50 - 1:100

**Calculated MW:** 33kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human TPM2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

DA1; DA2B; NEM4; TMSB; AMCD1;

**Catalog #:** A3096

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 7169

**Isotype:** IgG

**Swiss Prot:** P07951

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes beta-tropomyosin, a member of the actin filament binding protein family, and mainly expressed in slow, type 1 muscle fibers. Mutations in this gene can alter the expression of other sarcomeric tropomyosin proteins, and cause cap disease, nemaline myopathy and distal arthrogryposis syndromes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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