



## TPM3 Polyclonal Antibody

**E91206****Catalog Number:** E91206**Amount:** 100ul

**Background:** This gene encodes a member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil polypeptides that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filament and regulate access of other actin-binding proteins. In muscle cells, they regulate muscle contraction by controlling the movement of myosin heads to the actin filament. Mutations in this gene result in autosomal dominant nemaline myopathy. Several oncogenes formed by chromosomal translocations involving this locus are associated with cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Species:** Rabbit**Isotype:** IgG

**Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonyms:** TPM3;FLJ41118;MGC14582;MGC3261;MGC72094;NEM1;OK/SW-cl.5;TM-5;TM3;TM30;TM30nm;TPMsk3;TRK

**Immunogen:** Recombinant protein of human TPM3

**Purification:** Affinity purification

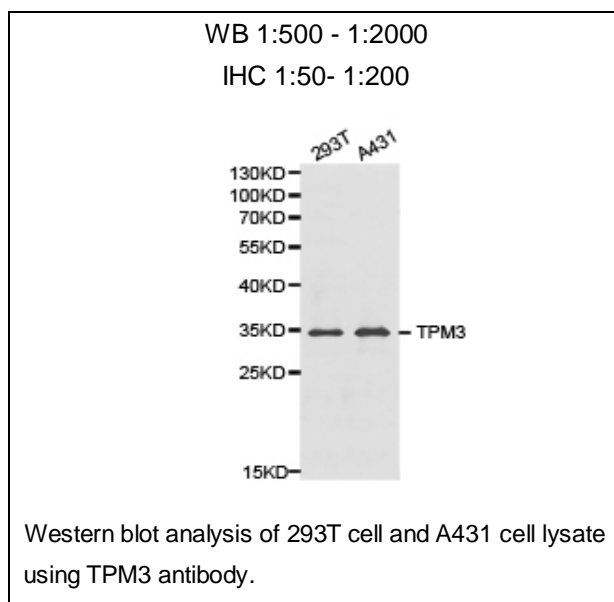
**Reactivity:** H M R

**Applications:** WB IHC

**Molecular Weight:** 33kDa

**Swiss-Prot No. :** P06753

**Gene ID:** 7170



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