

## Rabbit TPM3 Polyclonal Antibody | anti-TPM3 antibody

TPM3 Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA177125</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

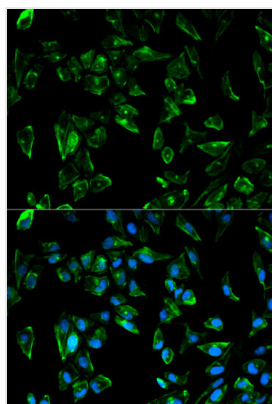
### PRODUCT SYNONYMS

TPM3; Polyclonal Antibody; TPM3 Polyclonal Antibody; CAPM1; CFTD; HEL-189; HEL-S-82p; NEM1; OK/SW-cl.5; TM-5; TM3; TM30; TM30nm; TM5; TPMsk3; TRK; hscp30; anti-TPM3 antibody

### PRODUCT SPECIFICATIONS

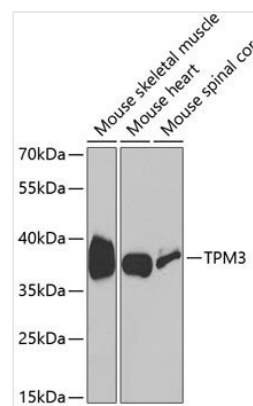
|                                                |                                                       |
|------------------------------------------------|-------------------------------------------------------|
| Host                                           | Rabbit                                                |
| Reactivity                                     | Human, Mouse, Rat                                     |
| Clonality                                      | Polyclonal                                            |
| Isotype                                        | IgG                                                   |
| Purity/Purification                            | Affinity purification                                 |
| Form/Format                                    | PBS with 0.02% sodium azide, 50% glycerol, pH7.3      |
| Concentration                                  | 1mg/mL (varies by lot)                                |
| Applicable Applications for anti-TPM3 antibody | IF (Immunofluorescence), WB (Western Blot)            |
| Immunogen                                      | Recombinant fusion protein of human TPM3 (NP_6894762) |
| Conjugation                                    | Unconjugated                                          |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.      |

### IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using TPM3 Polyclonal Antibody



WB (Western Blot)

Western blot analysis of extracts of various cell lines using TPM3 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TPM3 antibody | This gene encodes a member of the tropomyosin family of actin-binding proteins. Tropomyosins are dimers of coiled-coil proteins that provide stability to actin filaments and regulate access of other actin-binding proteins. Mutations in this gene result in autosomal dominant nemaline myopathy and other muscle disorders. This locus is involved in translocations with other loci, including anaplastic lymphoma receptor tyrosine kinase (ALK) and neurotrophic tyrosine kinase receptor type 1 (NTRK1), which result in the formation of fusion proteins that act as oncogenes. There are numerous pseudogenes for this gene on different chromosomes. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-TPM3 antibody   | Cancer; Signal Transduction; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 519668659                                                                                                                                                                                                                                                |
| NCBI GeneID                      | 7170                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P06753; P12324; Q2QD06; Q5VU58; Q5VU63; Q5VU66; Q5VU71; Q5VU72; Q8TCG3; Q969Q2; Q9NQH8; D3DV71                                                                                                                                                           |
| NCBI Official Full Name          | Tropomyosin alpha-3 chain                                                                                                                                                                                                                                |
| NCBI Official Synonym Full Names | tropomyosin 3                                                                                                                                                                                                                                            |
| NCBI Official Symbol             | TPM3                                                                                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | TM3; TM5; TRK; CFTD; NEM1; TM-5; TM30; CAPM1; TM30nm; TPMsk3; hscp30; HEL-189; HEL-S-82p; OK/SW-cl.5                                                                                                                                                     |
| NCBI Protein Information         | tropomyosin alpha-3 chain; tropomyosin-5; tropomyosin gamma; cytoskeletal tropomyosin TM30; epididymis luminal protein 189; alpha-tropomyosin, slow skeletal; heat-stable cytoskeletal protein 30 kDa; epididymis secretory sperm binding protein Li 82p |
| UniProt Protein Name             | Tropomyosin alpha-3 chain                                                                                                                                                                                                                                |
| UniProt Gene Name                | TPM3                                                                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | hTM5                                                                                                                                                                                                                                                     |
| UniProt Entry Name               | TPM3_HUMAN                                                                                                                                                                                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tpm3-antibody-immunofluorescence-western-blot-elisa/177125>