

## Rabbit TPM2 Polyclonal Antibody | anti-TPM2 antibody

TPM2 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA170522 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

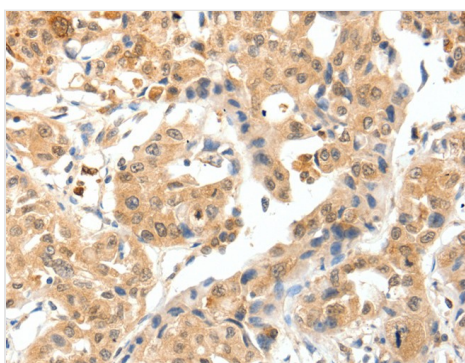
### PRODUCT SYNONYMS

TPM2; Polyclonal Antibody; TPM2 Polyclonal Antibody; DA1; DA2B; NEM4; TMSB; AMCD1; anti-TPM2 antibody

### PRODUCT SPECIFICATIONS

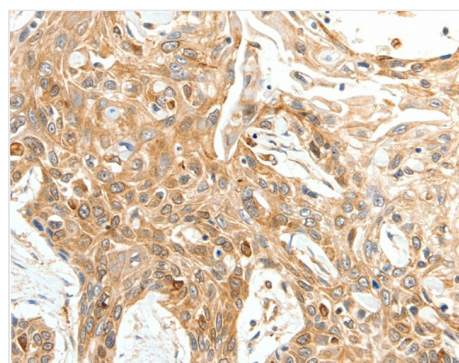
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 0.8mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 284                                                                                       |
| Applicable Applications for anti-TPM2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                      | Synthetic peptide of human TPM2                                                           |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



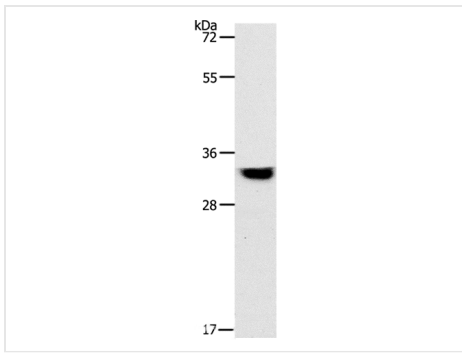
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using TPM2 Polyclonal Antibody at dilution of 1:25



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using TPM2 Polyclonal Antibody at dilution of 1:25



#### WB (Western Blot)

Western Blot analysis of Human fetal muscle tissue using TPM2 Polyclonal Antibody at dilution of 1:400

## ADDITIONAL INFORMATION

### Related Product Information for anti-TPM2 antibody

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.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| NCBI GI #                        | 669033277                                                                             |
| NCBI GeneID                      | 7169                                                                                  |
| NCBI Accession #                 | NP_001288156.1                                                                        |
| NCBI GenBank Nucleotide #        | NM_001301227.1                                                                        |
| Molecular Weight                 | 28,684 Da                                                                             |
| NCBI Official Full Name          | tropomyosin beta chain isoform Tpm2.4                                                 |
| NCBI Official Synonym Full Names | tropomyosin 2 (beta)                                                                  |
| NCBI Official Symbol             | TPM2                                                                                  |
| NCBI Official Synonym Symbols    | DA1; DA2B; NEM4; TMSB; AMCD1; HEL-S-273                                               |
| NCBI Protein Information         | tropomyosin beta chain; epididymis secretory protein Li 273; nemaline myopathy type 4 |
| UniProt Protein Name             | Tropomyosin beta chain                                                                |
| UniProt Gene Name                | TPM2                                                                                  |
| UniProt Synonym Gene Names       | TMSB                                                                                  |
| UniProt Entry Name               | TPM2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/tpm2-antibody-immunohistochemistry-western-blot-elisa/170522>