

## Rabbit TPM1 Polyclonal Antibody | anti-TPM1 antibody

TPM1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA237930 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

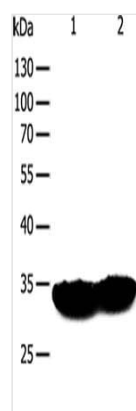
### PRODUCT SYNONYMS

TPM1; Polyclonal Antibody; TPM1 Antibody; TropoMyosin 1 (alpha); anti-TPM1 antibody

### PRODUCT SPECIFICATIONS

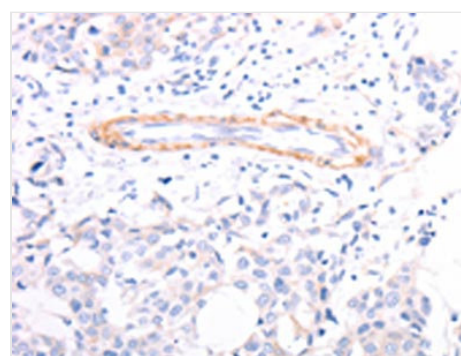
|                                                |                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                  |
| Reactivity                                     | Human, Mouse, Rat                                                                       |
| Clonality                                      | Polyclonal                                                                              |
| Isotype                                        | IgG                                                                                     |
| Purity/Purification                            | Antigen Affinity Purification                                                           |
| Form/Format                                    | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-TPM1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                      | Fusion protein of human TPM1                                                            |
| Immunogen Species                              | Human                                                                                   |
| Conjugate                                      | Non-conjugated                                                                          |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



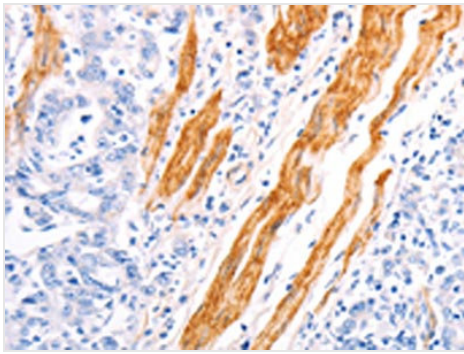
#### SDS-PAGE

Gel: 12%SDS-PAGE, Lysate: 50 ug, Lane 1-2: Mouse heart tissue, Mouse muscle tissue, Primary antibody: AAA237930(TPM1 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using AAA237930(TPM1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)



**IHC (Immunohistochemistry)**  
The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using AAA237930(TPM1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

ADDITIONAL INFORMATION

|                                                  |                     |
|--------------------------------------------------|---------------------|
| Product Categories/Family for anti-TPM1 antibody | Signal Transduction |
|--------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 27597085                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 7168                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_000357.3                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_000366.5                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P09493; P09494; P10469; Q6DV89; Q6DV90; Q7Z6L8; Q86W64; Q96IK2; B7Z5T7; D9YZV2; D9YZV3; D9YZV8                                                                                                                                                                  |
| Molecular Weight                 | 284                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | tropomyosin alpha-1 chain isoform 5                                                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | tropomyosin 1 (alpha)                                                                                                                                                                                                                                           |
| NCBI Official Symbol             | TPM1                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | CMH3; TMSA; CMD1Y; LVNC9; C15orf13; HTM-alpha                                                                                                                                                                                                                   |
| NCBI Protein Information         | tropomyosin alpha-1 chain; alpha-tropomyosin; sarcomeric tropomyosin kappa; cardiomyopathy, hypertrophic 3; tropomyosin 1 (alpha) isoform 1; tropomyosin 1 (alpha) isoform 2; tropomyosin 1 (alpha) isoform 3; tropomyosin 1 (alpha) isoform 4; tropomyosin 1 ( |
| UniProt Protein Name             | Tropomyosin alpha-1 chain                                                                                                                                                                                                                                       |
| UniProt Gene Name                | TPM1                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | C15orf13; TMSA                                                                                                                                                                                                                                                  |
| UniProt Entry Name               | TPM1_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.