

## Product datasheet for **TA397517**

### TPM1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>WB:</b> 1ug/ml <b>ELISA:</b> 1: 10,000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Tropomyosin-1 alpha pS283 affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide surrounding S283 human Tropomyosin-1 alpha pS283.
Specificity:	Anti-Tropomyosin-1 alpha pS283 was affinity purified from monospecific antiserum by immunoaffinity chromatography and is directed against the phosphorylated form of human S283 residue. A BLAST analysis was used to suggest cross-reactivity with mouse and human based on 100% sequence homology. Cross-reactivity with Tropomyosin-1 alpha pS283 from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Method:	Restore with deionized water (or equivalent) - Reconstitution Volume: 50µL
Concentration:	0.80mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Stability:	Expiration date is one (1) year from date of receipt.
Gene Name:	tropomyosin 1 (alpha)
Database Link:	<a href="#">Entrez Gene 7168 Human P09493</a>



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- Background:** Anti-Tropomyosin-1 alpha pS283 antibody attaches to actin filaments in muscle and non-muscle cells, a large factor in the calcium dependent regulation of muscle contraction. Anti-Tropomyosin-1 alpha pS283 antibody is ideal for researchers interested in Signal Transduction and Cardiovascular research.
- Synonyms:** rabbit anti-Tropomyosin-1 alpha pS283 antibody, rabbit anti-Tropomyosin1 alpha pS283 antibody, Tropomyosin  $\alpha$ -1 chain, Alpha-tropomyosin,  $\alpha$ -tropomyosin, Tropomyosin-1, TPM1, TPM-1, C15orf13, TMSA
- Note:** Anti-Tropomyosin-1 alpha pS283 antibody is useful for ELISA, immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~32.7kDa corresponding to the appropriate cell lysate or extract.