

## Product datasheet for **TA357002**

### MLC1SA (MYL6B) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide corresponding to a region of MYL6B.
Specificity:	<b>Expected reactivity:</b> Dog, Horse, Human, Mouse, Rat <b>Homology:</b> Dog: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23 kDa
Gene Name:	myosin light chain 6B
Database Link:	<a href="#">NP_002466.1</a> <a href="#">Entrez Gene 140465 Human</a> <a href="#">P14649</a>
Background:	Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in both slow-twitch skeletal muscle and in nonmuscle tissue. Alternative splicing results in multiple transcript variants.
Synonyms:	MLC1SA
Protein Pathways:	Vascular smooth muscle contraction



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Product images:



WB Suggested Anti-LOC100359980 Antibody  
Titration: 1.0 ug/ml  
Positive Control: Rat Liver