

## Product datasheet for **TA358095**

### MTMR6 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Dog, Guinea Pig, Horse, Human, Rabbit, Rat <b>Homology:</b> Dog: 93%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Rabbit: 86%; Rat: 79%
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:	68kDa
Gene Name:	myotubularin related protein 6
Database Link:	<a href="#">NP_004676</a> <a href="#">Entrez Gene 9107 Human</a> <a href="#">Q9Y217</a>
Background:	MTMR6 phosphatase that acts on lipids with a phosphoinositol headgroup. It acts as a negative regulator of KCNN4/KCa3.1 channel activity in CD4+ T-cells possibly by decreasing intracellular levels of phosphatidylinositol-3 phosphatase. It negatively regulates proliferation of reactivated CD4+ T-cells.
Synonyms:	MTMR6
Protein Families:	Druggable Genome, Phosphatase



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**Protein Pathways:** Fructose and mannose metabolism, Metabolic pathways, Riboflavin metabolism, Thiamine metabolism

**Product images:**



WB Suggested Anti-MTMR6 Antibody  
Titration: 1.0 ug/ml  
Positive Control: NCI-H226 Whole Cell