

Product datasheet for **TA363055**

Ak1 Rabbit Polyclonal Antibody

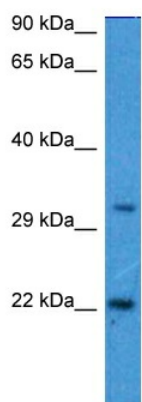
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse AK1
Specificity:	Expected reactivity: Mouse
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:	21 kDa
Gene Name:	adenylate kinase 1
Database Link:	NP_001185719.1 Entrez Gene 11636 Mouse Q9R0Y5
Background:	Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Also possesses broad nucleoside diphosphate kinase activity. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism (By similarity). May provide a mechanism to buffer the adenylate energy charge for sperm motility.
Synonyms:	myokinase; OTTHUMP00000022218



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Product images:



Host: Rabbit
Target Name: Ak1
Sample Type: Mouse Testis Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: AK1
Sample Tissue: Mouse Testis lysates
Antibody Dilution: 1 μ g/ml