

Product datasheet for **TA357972**

MECR Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 100%; Dog: 93%; Guinea Pig: 79%; Horse: 92%; Human: 100%; Mouse: 86%; Pig: 86%; Rabbit: 93%; Rat: 86%
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:	41kDa
Gene Name:	mitochondrial trans-2-enoyl-CoA reductase
Database Link:	NP_057095 Entrez Gene 51102 Human Q9BV79
Background:	MECR catalyzes the reduction of trans-2-enoyl-CoA to acyl-CoA with chain length from C6 to C16 in an NADPH-dependent manner with preference to medium chain length substrate. It may have a role in the mitochondrial synthesis of fatty acids.
Synonyms:	CGI-63; FASN2B; HsNrnf-1; NBRF1; NRBF-1; NRBF1
Protein Families:	Druggable Genome
Protein Pathways:	Fatty acid elongation in mitochondria, Metabolic pathways



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Product images:



WB Suggested Anti-MECR Antibody
Titration: 1.0 ug/ml
Positive Control: Fetal Brain