

Product datasheet for **TA339988**

KIAA1970 (EARS2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EARS2 antibody: synthetic peptide directed towards the middle region of human EARS2. Synthetic peptide located within the following region: TAKHLLLYQALGWQPPHFAHLPLLLNRDGSKLSKRQGDVFLEHFAADGFL
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:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59 kDa
Gene Name:	glutamyl-tRNA synthetase 2, mitochondrial
Database Link:	NP_001077083 Entrez Gene 124454 Human Q5JPH6
Background:	EARS2 belongs to the class-I aminoacyl-tRNA synthetase family. The function of the EARS2 protein is not known.
Synonyms:	COXPD12; gluRS; MSE1



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Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Pig: 93%; Mouse: 93%; Bovine: 93%; Zebrafish: 93%; Guinea pig: 93%; Yeast: 91%; Dog: 86%; Horse: 86%; Rabbit: 86%

Protein Families: Druggable Genome

Protein Pathways: Aminoacyl-tRNA biosynthesis, Metabolic pathways, Porphyrin and chlorophyll metabolism

Product images:



WB Suggested Anti-EARS2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: 721_B cell lysate