

Product datasheet for TA339988

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

OriGene Technologies, Inc.

EU: info-de@origene.com CN: techsupport@origene.cn

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.

Note that this product is shipped as lyophilized powder to China customers.

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

Q5|PH6

Background: EARS2 belongs to the class-I aminoacyl-tRNA synthetase family. The function of the EARS2

protein is not known.

Synonyms: COXPD12; gluRS; MSE1





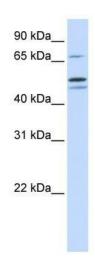
Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Pig: 93%; Mouse: 93%; Bovine:

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