

Product datasheet for TA338840

GRPEL2 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-GRPEL2 antibody: synthetic peptide directed towards the middle

region of human GRPEL2. Synthetic peptide located within the following region:

HEHELICHVPAGVGVQPGTVALVRQDGYKLHGRTIRLARVEVAVESQRRL

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: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 25 kDa

Gene Name: GrpE like 2, mitochondrial

Database Link: NP 689620

Entrez Gene 134266 Human

Q8TAA5



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

GRPEL2 Rabbit Polyclonal Antibody - TA338840

Background: GRPEL2 is an essential component of the PAM complex, a complex required for the

translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. GRPEL2 seems to control the nucleotide-dependent binding of mitochondrial HSP70 to substrate proteins. GRPEL2 stimulates ATPase activity of mt-HSP70. GRPEL2 may also serve to modulate the interconversion of oligomeric

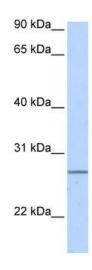
(inactive) and monomeric (active) forms of mt-HSP70.

Synonyms: Mt-GrpE#2

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Bovine: 93%; Zebrafish: 79%

Product images:



WB Suggested Anti-GRPEL2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive

Control: Human heart