

## Datasheet for ABIN630999 **anti-GRPEL2 antibody**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	GRPEL2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRPEL2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	GRPEL2 antibody was raised using a synthetic peptide corresponding to a region with amino acids HEHELICHVPAGVGVQPGTVALVRQDGYKLHGRTIRLARVEVAVESQRRL
Purification:	Affinity purified

#### Target Details

Target:	GRPEL2
Alternative Name:	GRPEL2 ( <a href="#">GRPEL2 Products</a> )
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

## Target Details

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

Molecular Weight: 25 kDa (MW of target protein)

## Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: GRPEL2 Blocking Peptide, catalog no. 33R-3717, is also available for use as a blocking control in assays to test for specificity of this GRPEL2 antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GRPEL2 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** GRPEL2 antibody used at 1 µg/ml to detect target protein.