

Datasheet for ABIN2782590
anti-GRPEL1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GRPEL1
Binding Specificity:	N-Term
Reactivity:	Human, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRPEL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GRPEL1
Sequence:	NSGQNLEEDM GQSEQKADPP ATEKTLLEEK VKLEEQLKET VEKYKRALAD
Predicted Reactivity:	Guinea Pig: 75%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against GRPEL1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GRPEL1
---------	--------

Target Details

Alternative Name:	GRPEL1 (GRPEL1 Products)
Background:	<p>GRPEL1 is 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. GRPEL1 seems to control the nucleotide-depe</p> <p>Alias Symbols: FLJ25609, HMGE</p> <p>Protein Interaction Partner: UBC, RPRD1B, ANP32B, ACTR2, ARPC4, FUBP1, RPA3, RPA1, BAG1, NIF3L1, IFIT1, ATF2, GRPEL1, EBNA-LP, ICT1, TERF1,</p> <p>Protein Size: 217</p>
Molecular Weight:	24 kDa
Gene ID:	80273
NCBI Accession:	NM_025196 , NP_079472
UniProt:	Q9HAV7
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 217 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.



Western Blotting

Image 1. WB Suggested Anti-GRPEL1 Antibody Titration:
0.2-1 ug/ml Positive Control: Human Small Intestine