Leader in Biomolecular Solutions for Life Science

www.abclonal.com

GRPEL1 Rabbit pAb

Catalog No.: A4999

Basic Information

Observed MW
24kDa

Calculated MW
24kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

Background

Enables identical protein binding activity and unfolded protein binding activity. Predicted to be involved in protein import into mitochondrial matrix. Located in mitochondrial matrix and nucleoplasm.

Recommended Dilutions

WB	1:200 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
80273

Swiss Prot
Q9HAV7

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-217 of human GRPEL1 (NP_079472.1).

Synonyms
GrpE; HMGE; mt-GrpE#1; GRPEL1

Contact

www.abclonal.com

Product Information

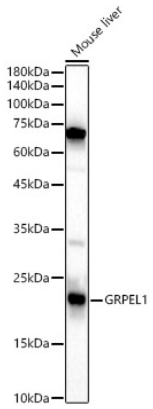
Source
Rabbit

Isotype
IgG

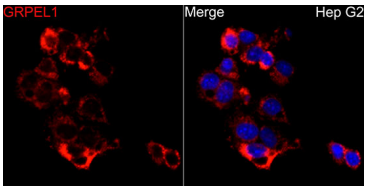
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

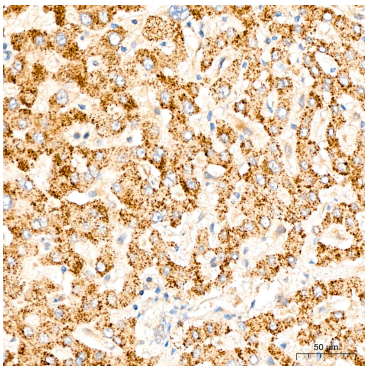
Validation Data



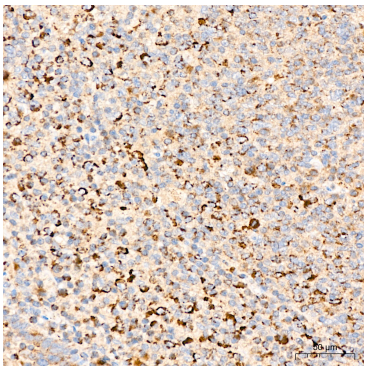
Western blot analysis of lysates from Mouse liver, using GRPEL1 Rabbit pAb (A4999) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunofluorescence analysis of HepG2 cells using GRPEL1 Rabbit pAb (A4999) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of GRPEL1 in paraffin-embedded Human liver tissue using GRPEL1 Rabbit pAb (A4999) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of GRPEL1 in paraffin-embedded Human tonsil tissue using GRPEL1 Rabbit pAb (A4999) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.