GRPEL1
Polyclonal ANTIBODY
Catalog Number: 12720-1-AP

Basic Information

Catalog Number: 12720-1-AP
Size: 20 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG3415

GenBank Accession Number: BC024242
GeneID (NCBI): 80273
Full Name: GrpE-like 1, mitochondrial (E. coli)
Calculated MW: 217aa, 24 kDa
Observed MW: 24 kDa

Recommended Dilutions:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:200-1:200
IF 1:10-1:100

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:
WB: MCF7 cells;
IP: MCF-7 cells;
IHC: human colon cancer tissue;
IF: HepG2 cells;

Background Information

Notable Publications

Author: Pingbo Chen
Pubmed ID: 31636012
Journal: EBioMedicine
Application: WB

Storage

Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage
MCF7 cells were subjected to SDS PAGE followed by western blot with 12720-1-AP (GRPEL1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human colon cancer using 12720-1-AP (GRPEL1 antibody) at dilution of 1:100 (under 10x lens).

Immunofluorescent analysis of HepG2 cells, using GRPEL1 antibody 12720-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).

IP Result of anti-GRPEL1 (IP: 12720-1-AP, 4ug; Detection: 12720-1-AP 1:600) with MCF-7 cells lysate 1280ug.