

GRPE2 rabbit pAb

Catalog No: YT7768

Reactivity: Human; Mouse

Applications: WB

Target: GRPE2

Gene Name: GRPEL2

Protein Name: GRPE2

Human Gene Id: 134266

Human Swiss Prot

No:

Mouse Gene Id: 17714

Mouse Swiss Prot

No:

Immunogen: Synthesized peptide derived from human GRPE2 AA range: 42-92

Specificity: This antibody detects endogenous levels of GRPE2 at Human/Mouse

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Q8TAA5

O88396

Dilution: WB 1 ?500-2000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

1/2

Molecularweight: 25kD

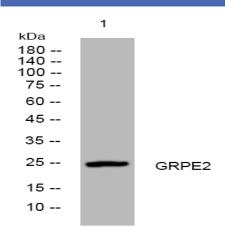
Function:

function: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.,function: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. Seems to control the nucleotide-dependent binding of mitochondrial HSP70 to substrate proteins. Stimulates ATPase activity of mt-HSP70. May also serve to modulate the interconversion of oligomeric (inactive) and monomeric (active) forms of mt-HSP70.,similarity:Belongs to the grpE family.,subunit:Probable component of the PAM complex at least composed of a mitochondrial HSP70 protein, GRPEL1 or GRPEL2, TIMM44, TIMM16/MAGMAS and TIMM14/DNAJC19.,

Subcellular Location:

Mitochondrion matrix.

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4° over night